

**IT IS THE VENDOR'S RESPONSIBILITY TO
CHECK FOR ADDENDA PRIOR TO SUBMITTING PROPOSALS**

**NOTICE TO BIDDERS
SPECIFICATION NO. 04-084**

The City of Lincoln, Nebraska intends to purchase and invites you to submit a sealed bid for:

**27th STREET IRRIGATION SYSTEM INSTALLATION
“P” STREET TO POTTER**

Sealed bids will be received by the City of Lincoln, Nebraska on or before 12:00 noon Wednesday, March 24, 2004 in the office of the Purchasing Agent, Suite 200, K Street Complex, 440 South 8th Street, Lincoln, Nebraska 68508. Bids will be publicly opened and read at the K Street Complex.

Bidders should take caution if U.S. mail or mail delivery services are used for the submission of bids. Mailing should be made in sufficient time for bids to arrive in the Purchasing Division, prior to the time and date specified above.

**PROPOSAL
SPECIFICATION NO.04-084**

**BID OPENING TIME: 12:00 NOON
DATE: Wednesday, March 24, 2004**

The undersigned bidder, having full knowledge of the requirements of the City of Lincoln for the below listed items and the contract documents (which include Notice to Bidders, Instructions to Bidders, this Proposal, Specifications, Contract, and any and all addenda) and all other conditions of the Proposal, agrees to sell to the City the below listed items for the performance of this Specification, complete in every respect, in strict accordance with the contract documents at and for unit prices listed below.

ADDENDA RECEIPT: The receipt of addenda to the specification numbers ____ through ____ are hereby acknowledged. Failure of any bidder to receive any addendum or interpretation of the specifications shall not relieve the bidder from any obligations specified in the bid request. All addenda shall become part of the final contract document.

BIDDING SCHEDULE

Item	Description	Unit Price	Total Price
1.	27TH STREET, "P" STREET TO POTTER IRRIGATION SYSTEM INSTALLATION	Lump Sum	\$_____
2.	Traffic Control	Lump Sum	\$_____
3.	Total		\$_____

Bid Security in the Amount of Five Percent (5%) of Lump Sum Bid is Required.

AFFIRMATIVE ACTION PROGRAM: Successful bidder will be required to comply with the provisions of the City's Affirmative Action Policy (Contract Compliance, Sec. 1.16). The Equal Opportunity Officer will determine compliance or non-compliance with the City's policy upon a complete and substantial review of successful bidder's equal opportunity policies, procedures and practices.

The undersigned signatory for the bidder represents and warrants that he has full and complete authority to submit this proposal to the City, and to enter into a contract if this proposal is accepted.

**RETURN 2 COMPLETE COPIES OF PROPOSAL AND SUPPORTING MATERIAL.
MARK OUTSIDE OF BID ENVELOPE: SEALED BID FOR SPEC. 04-084**

COMPANY NAME

BY (Signature)

STREET ADDRESS or P.O. BOX

(Print Name)

CITY, STATE ZIP CODE

(Title)

TELEPHONE

(Date)

**EMPLOYER'S FEDERAL I.D. NO.
OR SOCIAL SECURITY NUMBER**

ESTIMATED DELIVERY DAYS

TERMS OF PAYMENT

BIDS MAY BE INSPECTED IN THE PURCHASING DIVISION OFFICES DURING NORMAL BUSINESS HOURS, **AFTER** TABULATION BY THE PURCHASING AGENT. IF YOU DESIRE A COPY OF THE BID TABULATION TO BE MAILED TO YOU, YOU MUST ENCLOSE A SELF-ADDRESSED STAMPED ENVELOPE WITH YOUR BIDDING DOCUMENTS.

INSTRUCTIONS TO BIDDERS

CITY OF LINCOLN, NEBRASKA

PURCHASING DIVISION

1. BIDDING PROCEDURE

- 1.1 Bidder shall submit two (2) complete sets of the bid documents and all supporting material. All appropriate blanks shall be completed. Any interlineation, alteration or erasure on the specification document shall be initialed by the signer of the bid. Bidders shall not change the proposal form nor make additional stipulations on the specification document. Any amplified or qualifying information shall be on the bidder's letterhead and firmly attached to the specification document.
- 1.2 Bid prices shall be submitted on the Proposal Form included in the bid document.
- 1.3 Bidders may submit a bid on an "all or none" or "lump sum" basis, but should also submit a quotation on an item-by-item basis. Bidding documents shall be clearly marked indicating the kind of proposal being submitted.
- 1.4 Each bid must be legibly printed in ink or by typewriter, include the full name, business address, and telephone number of the bidder; and be signed in ink by the bidder.
- 1.5 A bid by a firm or organization other than a corporation must include the name and address of each member.
- 1.6 A bid by a corporation must be signed in the name of such corporation by a duly authorized official thereof.
- 1.7 Any person signing a bid for a firm, corporation, or other organization must show evidence of his authority so to bind such firm, corporation, or organization.
- 1.8 Bids received after the time and date established for receiving bids will be rejected.

2. BIDDER'S SECURITY

- 2.1 Bid security, as a guarantee of good faith, in the form of a certified check, cashier's check, or bidder's bond, may be required to be submitted with this bid document, as indicated on the Proposal Form.
- 2.2 If alternate bids are submitted, only one bid security will be required, provided the bid security is based on the amount of the highest gross bid.
- 2.3 Such bid security will be returned to the unsuccessful bidders when the award of bid is made.
- 2.4 Bid security will be returned to the successful bidder(s) as follows:
 - 2.4.1 For single order bids with specified quantities: upon the delivery of all equipment or merchandise, and upon final acceptance by the City.
 - 2.4.2 For all other contracts: upon approval by the City of the executed contract and bonds.
- 2.5 City shall have the right to retain the bid security of bidders to whom an award is being considered until either:
 - 2.5.1 A contract has been executed and bonds have been furnished.
 - 2.5.2 The specified time has elapsed so that the bids may be withdrawn.
 - 2.5.3 All bids have been rejected.

- 2.6 Bid security will be forfeited to the City as full liquidated damages, but not as a penalty, for any of the following reasons, as pertains to this specification document:

- 2.6.1 If the bidder fails to deliver the equipment or merchandise in full compliance with the accepted proposal and specifications.
- 2.6.2 If the bidder fails or refuses to enter into a contract on forms provided by the City, and/or if the bidder fails to provide sufficient bonds or insurance within the time period as established in this specification document.

3. EQUAL OPPORTUNITY

- 3.1 Each bidder agrees that it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, ancestry, disability, age, or marital status. Bidder shall fully comply with the provisions of Chapter 11.08 of the Lincoln Municipal Code.
- 3.2 Successful bidder will be required to comply with the provisions of the City's Affirmative Action Policy (Contract Compliance, Sec. 1.16).
- 3.3 The Equal Opportunity Officer will determine compliance or non-compliance with the City's Affirmative Action Policy upon a complete and substantial review of successful bidder's equal opportunity policies, procedures and practices.

4. DATA PRIVACY

- 4.1 Bidder agrees to abide by all applicable State and Federal laws and regulations concerning the handling and disclosure of private and confidential information concerning individuals and corporations as to inventions, copyrights, patents and patent rights.
- 4.2 The bidder agrees to hold the City harmless from any claims resulting from the bidder's unlawful disclosure or use of private or confidential information.

5. BIDDER'S REPRESENTATION

- 5.1 Each bidder by signing and submitting a bid, represents that the bidder has read and understands the specification documents, and the bid has been made in accordance therewith.
- 5.2 Each bidder for services further represents that the bidder is familiar with the local conditions under which the work is to be done and has correlated the observations with the requirements of the bid documents.

6. INDEPENDENT PRICE DETERMINATION

- 6.1 By signing and submitting this bid, the bidder certifies that the prices in this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor; unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder prior to bid opening directly or indirectly to any other bidder or to any competitor; no attempt has been made, or will be made, by the bidder to induce any person or firm to submit, or not to submit, a bid for the purpose of restricting competition.

7. CLARIFICATION OF SPECIFICATION DOCUMENTS

- 7.1 Bidders shall promptly notify the Purchasing Agent of any ambiguity, inconsistency or error which they may discover upon examination of the specification documents.
- 7.2 Bidders desiring clarification or interpretation of the specification documents shall make a written request which must reach the Purchasing Agent at least seven (7) calendar days prior to the date and time for receipt of bids.
- 7.3 Interpretations, corrections and changes made to the specification documents will be made by written addenda.
- 7.4 Oral interpretations or changes to the Specification Documents made in any other manner, will not be binding on the City; and bidders shall not rely upon such interpretations or changes.

8. ADDENDA

- 8.1 Addenda are written instruments issued by the City prior to the date for receipt of bids which modify or interpret the specification document by addition, deletion, clarification or correction.
- 8.2 Addenda will be mailed or delivered to all who are known by the City to have received a complete set of specification documents.
- 8.3 Copies of addenda will be made available for inspection at the office of the Purchasing Agent.
- 8.4 No addendum will be issued later than forty-eight (48) hours prior to the date and time for receipt of bids, except an addendum withdrawing the invitation to bid, or an addendum which includes postponement of the bid.
- 8.5 Bidders shall ascertain prior to submitting their bid that they have received all addenda issued, and they shall acknowledge receipt of addenda on the proposal form.

9. ANTI-LOBBYING PROVISION

- 9.1 During the period between the bid close date and the contract award, bidders, including their agents and representatives, shall not directly discuss or promote their bid with any member of the City Council or City Staff except in the course of City-sponsored inquiries, briefings, interviews, or presentations, unless requested by the City.

10. BRAND NAMES

- 10.1 Wherever in the specifications or proposal form brand names, manufacturer, trade name, or catalog numbers are specified, it is for the purpose of establishing a grade or quality of material only; and the term "or equal" is deemed to follow.
- 10.2 It is the bidder's responsibility to identify any alternate items offered in the bid, and prove to the satisfaction of the City that said item is equal to, or better than, the product specified.
- 10.3 Bids for alternate items shall be stated in the appropriate brand on the proposal form, or if the proposal form does not contain blanks for alternates, bidder MUST attach to the specification documents on Company letterhead a statement identifying the manufacturer and brand name of each proposed alternate, plus a complete description of the alternate items including illustrations, performance test data and any other information necessary for an evaluation. The bidder must indicate any variances by item number from the specification

document no matter how slight. Bidder must fully explain the variances from the specification document, since brochure information may not be sufficient.

- 10.4 If variations are not stated in the proposal, it will be assumed that the item being bid fully complies with the City's specifications.

11. DEMONSTRATIONS/SAMPLES

- 11.1 Bidders shall demonstrate the exact item(s) proposed within seven (7) calendar days from receipt of such request from the City.
- 11.2 Such demonstration can be at the City delivery location or a surrounding community.
- 11.3 If bidder does not have an item in the area, it will be at the bidder's expense to send appropriate City personnel to the nearest location to view and inspect proposed item(s).
- 11.4 If items are small and malleable, and the bidder is proposing an alternate product, the bidder MUST supply a sample of the exact item. Samples will be returned at bidder's expense after receipt by the City of acceptable goods. Bidders must indicate how samples are to be returned.

12. DELIVERY

- 12.1 Each bidder shall state on his proposal form the date upon which he can make delivery of all equipment or merchandise. Time required for delivery is hereby made an essential element of the bid.
- 12.2 The City reserves the right to cancel orders, or any part thereof, without obligation, if delivery is not made within the time(s) specified on the proposal form.
- 12.3 All bids shall be based upon **inside** delivery of the equipment or merchandise F.O.B. the City at the location specified by the City, with all transportation charges paid.

13. WARRANTIES, GUARANTEES AND MAINTENANCE

- 13.1 Copies of the following documents must accompany the bid proposal for all items being bid:
 - 13.1.1 Manufacturer's warranties and/or guarantees.
 - 13.1.2 Bidder's maintenance policies and associated costs.
- 13.2 As a minimum requirement of the City, the bidder will guarantee in writing that any defective components discovered within a one (1) year period after the date of acceptance shall be replaced at no expense to the City. Replacement parts of defective components shall be shipped at no cost to the City. Shipping costs for defective parts required to be returned to the bidder shall be paid by the bidder.
- 13.3 Bidder Warrants and represents to the City that all software/firmware/hardware/equipment/systems developed, distributed, installed or programmed by Bidder pursuant to this Specification and Agreement.
 - 13.3.1 That all date recognition and processing by the software/firmware/hardware/equipment/system will include the four-digit-year format and will correctly recognize and process the date of February 29, and any related data, during Leap years; and
 - 13.3.2 That all date sorting by the software/firmware/hardware/equipment/system that includes a "year category" shall be done based on the four-digit-year format. Upon being notified in writing by the City of the failure of any software/firmware/

hardware /equipment /systems to comply with this Specification and Agreement, Contractor will, within 60 days and at no cost to the City, replace or correct the non-complying software/ firmware/ hardware/ equipment/ systems with software/firmware/ hardware/equipment/ systems that does comply with this Specification and Agreement.

- 13.3.3 No Disclaimers: The warranties and representations set forth in this section 13.3 shall not be subject to any disclaimer or exclusion of warranties or to any limitations of Licensor's liability under this Specification and Agreement.

14. ACCEPTANCE OF MATERIAL

- 14.1 All components used in the manufacture or construction of materials, supplies and equipment, and all finished materials, shall be new, the latest make/model, of the best quality, and the highest grade workmanship.
- 14.2 Material delivered under this proposal shall remain the property of the bidder until:
- 14.2.1 A physical inspection and actual usage of this material is made and found to be acceptable to the City; and
- 14.2.2 Material is determined to be in full compliance with the specifications and accepted proposal.
- 14.3 In the event the delivered material is found to be defective or does not conform to the specification documents and accepted proposal, then the City reserves the right to cancel the order upon written notice to the bidder and return materials to the bidder at bidder's expense.
- 14.4 Successful bidder shall be required to furnish title to the material, free and clear of all liens and encumbrances, issued in the name of the City of Lincoln, Nebraska, as required by the specification documents or purchase orders.
- 14.5 Selling dealer's advertising decals, stickers or other signs shall not be affixed to equipment. Vehicle mud flaps shall be installed blank side out with no advertisements. Manufacturer's standard production forgings, stampings, nameplates and logos are acceptable.

15. BID EVALUATION AND AWARD

- 15.1 The signed bid proposal shall be considered an offer on the part of the bidder. Such offer shall be deemed accepted upon issuance by the City of purchase orders, contract award notifications, or other contract documents appropriate to the work.
- 15.2 No bid shall be modified or withdrawn for a period of ninety (90) calendar days after the time and date established for receiving bids, and each bidder so agrees in submitting the bid.
- 15.3 In case of a discrepancy between the unit prices and their extensions, the unit prices shall govern.
- 15.4 The bid will be awarded to the lowest responsive, responsible bidder whose proposal will be most advantageous to the City, and as the City deems will best serve their requirements.
- 15.5 The City reserves the right to accept or reject any or all bids; to request rebids; to award bids item-by-item, by groups, or "lump sum"; to waive irregularities and technicalities in bids; such as shall best serve the requirements and interests of the City.

16. INDEMNIFICATION

- 16.1 The bidder shall indemnify and hold harmless the City, its members, its officers and employees from and against all claims, damages, losses, and expenses, including, but not limited to attorney's fees arising out of or resulting from the performance of the contract, provided that any such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property other than goods, materials and equipment furnished under this contract) including the loss or use resulting therefrom; is caused in whole or part by any negligent act or omission of the bidder, any subcontractor, or anyone directly or indirectly employed by any one of them or anyone for whose acts made by any of them may be liable, regardless of whether or not it is caused by a party indemnified hereunder.
- 16.2 In any and all claims against the City or any of its members, officers or employees by an employee of the bidder, any subcontractor, anyone directly or indirectly employed by any of them or by anyone for whose acts made by any of them may be liable, the indemnification obligation under paragraph 16.1 shall not be limited in any way by any limitation of the amount or type of damages, compensation or benefits payable by or for the bidder or any subcontractor under worker's or workmen's compensation acts, disability benefit acts or other employee benefit acts.

17. TERMS OF PAYMENT

- 17.1 Unless other specification provisions state otherwise, payment in full will be made by the City within thirty (30) calendar days after all labor has been performed and all equipment or other merchandise has been delivered, and all such labor and equipment and other materials have met all contract specifications.

18. LAWS

- 18.1 The Laws of the State of Nebraska shall govern the rights, obligations, and remedies of the Parties under this proposal and any agreement reached as a result of this process.

INSURANCE CLAUSE TO BE USED FOR ALL CITY CONTRACTS

The Contractor shall indemnify and save harmless the City of Lincoln, Nebraska from and against all losses, claims, damages, and expenses, including attorney's fees, arising out of or resulting from the performance of the contract that results in bodily injury, sickness, disease, death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom and is caused in whole or in part by the Contractor, any subcontractor, any directly or indirectly employed by any of them or anyone for whose acts any of them may be liable. This section will not require the Contractor to indemnify or hold harmless the City of Lincoln for any losses, claims, damages, and expenses arising out of or resulting from the negligence of the City of Lincoln, Nebraska.

Contractor shall not commence work under this contract until he has obtained all insurance required under this Section and such insurance has been approved by the City Attorney for the City of Lincoln, nor shall the Contractor allow any sub-contractor to commence work on his subcontract until all similar insurance required of the sub-contractor has been so obtained and approved.

A. Worker's Compensation Insurance and Employer's Liability Insurance

The Contractor shall take out and maintain during the life of this contract the applicable statutory Worker's Compensation Insurance with an insurance company authorized to write such insurance in this state covering all his employees, and in the case of any work sublet, the Contractor shall require the subcontractor similarly to provide statutory Worker's Compensation Insurance for the latter's employees. The Contractor shall take out and maintain during the life of this contract, Employer's Liability Insurance with a limit of \$100,000 in an insurance company authorized to write such insurance in all states where the Contractor will have employees located in the performance of this contract, and the Contractor shall require each of his subcontractors similarly to maintain common law liability insurance on his employees.

State	Statutory
Applicable Federal	Statutory
Employer's Liability	\$100,000

B. General Liability Insurance

1. The Contractor shall maintain during the life of this contract, General Liability Insurance, naming and protecting him and the City of Lincoln, its officials, employees and volunteers as insured, against claims for damages resulting from (a) bodily injury, including wrongful death, (b) personal injury liability, and (c) property damage which may arise from operations under this contract whether such operations be by himself or by any subcontractor or anyone directly or indirectly employed by either of them. The minimum acceptable limits of liability to be provided by such insurance shall be as follows:

A. Bodily Injury/Property Damage	\$1,000,000 each Occurrence
	\$2,000,000 Aggregate
B. Personal Injury Damage	\$1,000,000 each Occurrence
C. Contractual Liability	\$1,000,000 each Occurrence
D. Products Liability & Completed Operations	\$1,000,000 each Occurrence

2. The General Liability Insurance required by the preceding paragraph shall include the following extensions of coverage:
 - (a) The coverage shall be provided under a Commercial General Liability form or similar thereto.
 - (b) X.C.U. Coverage - if the contract requires any work procedures involving blasting, excavating, tunneling or other underground work, the liability coverage shall include Standard Blasting or Explosion Coverage, Standard Collapse Coverage, and Standard Underground Coverage commonly referred to as XCU Property Damage Liability.
 - (c) The property damage coverage shall include a Broad Form Property Damage Endorsement or similar thereto.
 - (d) Contractual Liability coverage shall be included.
 - (e) Products Liability and/or Completed Operations coverage shall be included.
 - (f) Personal Injury Liability coverage shall be included.

C. Automobile Liability Insurance

The Contractor shall take out and maintain during the life of the contract such Automobile Liability Insurance as shall protect him against claims for damages resulting from bodily injury, including wrongful death, and property damage which may arise from the operations of any owned, hired, or non-owned automobiles used by or for him in any capacity in connection with the carrying out of this contract. The minimum acceptable limits of liability to be provided by such Automobile Liability Insurance shall be as follows:

Bodily Injury and Property Damage \$1,000,000 Combined Single Limit

D. Builder's Risk Insurance (For Building Construction Contracts Only)

Unless otherwise specified where buildings are to be constructed under this contract, the Contractor shall provide and maintain fire, extended coverage, vandalism, and malicious mischief insurance, covering such building in an amount equal to one-hundred percent (100%) of the contract amount (minimum), as specified herein.

Losses, if any, shall be made payable to the City of Lincoln and Contractor as their interest may appear. A Certificate of Insurance evidencing such insurance coverage shall be filed with the City of Lincoln by the time work on the building begins and such insurance shall be subjected to the approval of the City Attorney.

E. Minimum Scope of Insurance

All Liability Insurance policies shall be written on an "occurrence" basis only. All insurance coverage are to be placed with insurers authorized to do business in the State of Nebraska and must be placed with an insurer that has an A.M. Best's Rating of no less than A:VII unless specific approval has been granted by the City of Lincoln.

F. Certificate of Insurance

All certificates of insurance shall be filed with the City of Lincoln on the standard ACCORD CERTIFICATE OF INSURANCE form showing the specific limits of insurance coverage required by the preceding Sections A, B, C, D, and showing the City of Lincoln as a named additional insured. Such certificate shall specifically state that insurance policies are to be endorsed to require the insurer to provide the City of Lincoln thirty days, notice of cancellation, non-renewal or any material reduction of insurance coverage.

SPECIAL PROVISIONS FOR CONSTRUCTION CONTRACTS

PURCHASING DIVISION
CITY OF LINCOLN, NEBRASKA

1. CONTRACT DOCUMENTS

- 1.1 Copies of the plans, specification documents and contract documents may be obtained at the office of the Purchasing Agent.
- 1.2 Bidders are required to examine the same, and satisfy themselves that all requirements are fully understood.

2. PROJECT MANAGER

- 2.1 The definition of "Project Manager" as used in this Specification Document shall mean the Mark Canney 402-441-8248, or by or through that person's duly authorized assistants.

3. SITE VISITATION

- 3.1 Bidders shall inform themselves of the conditions under which the work is to be performed, concerning the site of work, the structures, obstacles which may be encountered and all other relevant matters concerning the work to be performed.
- 3.2 The contractor will not be allowed any extra compensation by reason of any matter or thing concerning which he might fully have informed himself prior to bidding.
- 3.3 Bidders shall contact the Project Manager at 402-441-8248 if questions regarding site inspection.

4. ESCALATOR CLAUSE

- 4.1 An escalator clause or any qualification of price conditions which makes it possible to bill at a price higher than price quoted will disqualify the bid, unless such maximum billing price or percentage of increase is definitely shown on the Proposal, in which case such higher price will be used for comparison of bids.

5. CONTRACT, BONDS AND INSURANCE

- 5.1 Within fourteen (14) calendar days after the award of bid, the successful bidder must execute a written contract between the bidder and the City, which contract will incorporate the City's specification documents, and be on contract forms provided by the City.
- 5.2 Also within such period, the successful bidder must furnish construction bonds, in a sum not less than the contract price executed by the bidder and by a corporate surety company authorized to transact business in the State of Nebraska. See sample bonds and commentary, attached.
- 5.3 Also, within such period, the successful bidder must furnish evidence of insurance in accordance with the attached "Insurance Clause to be Used for All City Contracts".

6. PAYMENT TO UNEMPLOYMENT COMPENSATION FUND

- 6.1 The contractor and his subcontractors must pay to the Unemployment Compensation Fund of the State of Nebraska, unemployment contributions and interest due under the provisions of Section 48-601 through 48-669, Nebraska Reissue revised Statutes for 1943, on wages paid to individuals employed in the performance of the contract.

7. HEALTH AND SAFETY REGULATIONS

- 7.1 The contractor and his subcontractors shall in all respects comply with the terms and provisions of Sections 48-425 through 48-435, Nebraska Reissue Revised statutes of 1943, generally pertaining but not limited to scaffolding and flooring, and shall perform fully on behalf of the City such requirements as said sections may impose upon the City.
- 7.2 The Contractor and his subcontractors shall likewise comply and perform with respect to any and all other applicable health and safety regulations.

8. DELAYS

- 8.1 With written permission of the Project Manager, the completion date may be extended if unsuitable weather or any force majeure should halt progress during the construction period.

9. CLEAN UP

- 9.1 The Contractor shall be responsible for keeping the premises free of waste materials or rubbish resulting from his operations or the operations of his subcontractors.
- 9.2 The Contractor shall remove equipment, scaffolding and surplus materials from the premises when the need for keeping them on the job no longer exists.

10. INSPECTIONS

- 10.1 Inspections in general will be conducted by Project Manager.
- 10.2 The contractor shall be responsible for contracting City Building and Safety Department for inspections required by City Codes for this type of public improvement.

11. ACCESS AND PARKING

- 11.1 The Contractor shall park all vehicles in an area as designated by the Project Manager during construction.
- 11.2 Access to the construction site shall be gained as directed by the Project Manager.

12. PERMITS, FEES AND NOTICES

- 12.1 Contractors shall secure and pay for all permits, licenses and certificates of inspections and occupancy that may be required by the City of Lincoln.

13. ERRORS AND OMISSIONS

- 13.1 If any errors or omissions are found in the drawings or specifications or other documents during construction, the Contractor shall notify the Project Manager of such error or omission, and request clarification before proceeding with the work.

14. TEMPORARY UTILITIES

- 14.1 The contractor shall be responsible for securing and setting up all needed temporary utilities.

15. PRE-CONSTRUCTION CONFERENCES

- 15.1 Prior to starting any work, the contractor shall meet with the Project Manager for clarification of construction procedures and work to be accomplished.
- 15.2 At this time the contractor shall present his planned work schedule together with estimated completion date.

16. PROGRESS SCHEDULE

- 16.1 The Contractor, immediately after being awarded the contract, shall prepare and submit for the Project Manager's approval an estimated progress schedule for the work.
- 16.2 The progress schedule shall be related to the entire project to the extent required by the Contract Documents.
- 16.3 This schedule shall indicate the dates for the starting and completion of the various states of construction and shall be revised as required by the conditions of the work, subject to the Project Manager's approval.

17. GUARANTEE

- 17.1 As a minimum requirement of the City, the contractor shall guarantee all materials and workmanship for a period of one (1) year following completion of the project.

18. NOTICE TO PROCEED

- 18.1 The Contractor shall not begin construction until receiving written "Notice to Proceed" from the Project Manager.

19. PURCHASING AGENT APPOINTMENT AND EXEMPT SALE CERTIFICATE

- 19.1 The Contractor performing work for the City of Lincoln will be issued a Purchasing Agent Appointment and Exempt Sale Certificate signed by the Purchasing Agent.
- 19.2 It is to be used by the Contractor and his Subcontractors when purchasing tangible personal property to be actually incorporated into the contract work.
- 19.3 It does not apply to either:
1. The purchase of materials to be used but not incorporated into the contract work, including but limited to, form lumber, scaffolding, etc., or
 2. The purchase or rental of machinery, equipment or tools owned or leased by the Contractor or his subcontractors and used in performing the contract.

- 19.4 The contractor may reproduce copies of the original of the aforesaid document to furnish to his or his subcontractor's suppliers on each invoice or order.

- 19.5 The Contractor (or Subcontractor for the subcontractor's suppliers shall enter the supplier's name and address, the date, the invoice or order number, a description of the items, and the amount in the spaces provided and shall sign the certificate on the line provided for the "Purchaser's Agent".

20. LIQUIDATED DAMAGES

- 20.1 If the Contractor fails to complete the Contract prior to the completion date, considering approved extensions of time, liquidated damages will be charged for each calendar day that the work remains incomplete.
- 20.2 The amount of liquidated damages will be deducted from the money due the Contractor prior to final payment or in the case where the remaining amount due the Contractor is less than the total amount of liquidated damages, the City shall have the right to recover the difference from the Contractor or his Surety.
- 20.3 Unless specifically amended or modified by the special provisions, the schedule below shall establish the daily amount of the liquidated damages:

BID AMOUNT:

<u>UP TO AND</u>		<u>LIQUIDATED DAMAGES</u>
<u>MORE THAN</u>	<u>INCLUDING</u>	<u>PER CALENDAR DAY</u>
\$ 0	\$ 100,000	\$ 100
100,000	500,000	200
500,000	1,000,000	300
1,000,000	AND UP	400

- 20.4 The amounts set forth in the above schedule are not to be considered punitive, but rather predetermined and reasonable amounts to compensate for the detriment to the public and to defray expenses incurred by the City due to the delay in the completion of the project.

21. ASBESTOS

- 21.1 No materials whatsoever shall be utilized in the construction, reconstruction or remodeling which may contain asbestos as defined under Nebraska Asbestos Control Act, Article 71, Section 71-6301 through 71-6317 of the Revised State of Nebraska Code.
- 21.2 The removal of any asbestos containing material shall be in strict compliance with the said Nebraska Asbestos Control Act and appropriate Occupation Safety and Health Administration (OSHA) Regulations including but not limited to 29CFR, 1910-1200, 1926-58 and 1910-1001 and the Environmental Protection Agency, (EPA) NESHAPS Standard for Asbestos 40CFR 61 Subpart A and M covering emission standards, 42 USCA 7401-7642 - CLEAN AIR ACT, 40 CFR Part 763 Subpart G-Asbestos Abatement Projects, 40 CFR Part 763.120 Subpart G-Worker Protection Rule and such other local, state or federal applicable rules or regulations.

1. **SCOPE**

- 1.1 The work described in this section shall pertain to a new irrigation system installed as the **North 27th Street Sprinkler Project - "P" Street to Potter Street** only.
- 1.2 Work shall include all labor, material and equipment as well as obtaining all tap fees, permits as may be required to complete the irrigation system as indicated on the Irrigation Plan and as herein specified.
- 1.3 The work shall comply with the requirements of all legally constituted authorities having jurisdiction.

2. **QUALITY ASSURANCE**

- 2.1 Work shall be performed in accordance with the best standard of practice relating to the various trades and under the continuous supervision of an experienced irrigation capable of interpreting the Drawings and Specifications.
- 2.2 The Irrigation Contractor shall notify Mark Canney at 441-8248 with the Lincoln Parks and Recreation Department as soon as any discrepancies between the Drawings and Specifications are discovered.
- 2.3 Work of this section shall be Coordinated with site earthwork, plumbing, electrical, concrete work and other trades in a manner to avoid damage to other work.

3. **EXPLANATION OF DRAWINGS**

- 3.1 It is intended that the Drawings and Specifications specify an efficient and complete irrigation system for use in accordance with the Manufacturer's recommendations and meeting the Lincoln Parks and Recreation Department's approval without further cost.
- 3.2 All plot and/or scale dimensions are approximate.
 - 3.2.1 Before beginning any phase of work, the Irrigation Contractor shall check and verify all dimensions on the Drawings and shall notify the Lincoln Parks and Recreation Department's representative of any discrepancies.
 - 3.2.2 The Irrigation Contractor shall verify the authenticity of all finish grades within the project area for insurance of proper coverage of the sprinkler system.
 - 3.2.3 All finish grades shall be approved in writing prior to installation of the irrigation system.
 - 3.2.4 Contractor shall further verify the onsite water pressure.
 - 3.2.5 System design is based upon static pressure at the point of connection on each tap with a minimum operating pressure at the irrigation head of 25 psi.

4. **MATERIALS**

- 4.1 PIPE
 - 4.1.1 All mainline pressure pipe shall be CL200 PVC pipe, as manufactured by PW Pipe, Inc. or a City approved equal.
 - 4.1.2 All pipe shall be continuous, new and permanently marked with the manufacturer's name
 - 4.1.3 All PVC pipe shall conform to the United States Department of Commerce commercial standard ASTM D-2241, National Sanitation Foundation No. 14.
 - 4.1.4 Pipe shall be sized per the Irrigation plan.

4.2 LATERAL LINES

- 4.2.1 All lateral pipe shall be CL200 PVC pipe, as manufactured by PW Pipe, Inc., or approved equal.
- 4.2.2 All pipe shall be continuous, new and permanently marked with the manufacturer's name.
- 4.2.3 All PVC pipe shall conform to the United States Department of Commerce commercial standard ASTM D-2241, National Sanitation Foundation No. 14.
- 4.2.4 Pipe shall be sized per the Irrigation plan.

4.3 FITTING AND CONNECTIONS

- 4.3.1 All PVC pipe fittings shall be ASTM D-2241 Schedule 40 molded fitting suitable for solvent weld or threaded connections.

4.4 IRRIGATION HEADS

- 4.4.1 POP-UP SPRAY HEADS-Rain Bird 1812-SAM PRS pop-up spray type or approved equal.
- 4.4.2 The unit shall have a ½" FPT inlet.
- 4.4.3 Nozzle selection shall be per the plans.

4.5 GENERAL

- 4.5.1 Irrigation heads shall be of the type and size as indicated on the Drawings and Specifications.
- 4.5.2 All heads of a specific type of function in the system shall be of the same manufacturer and shall be marked with the manufacturer's name and identification in such a position that they can be identified without being removed from the system.

4.6 VALVES AND KEYS

- 4.6.1 ELECTRIC REMOTE CONTROL VALVES-The electric remote control valves shall be Rain Bird PGA series valves or approved equal.
- 4.6.2 Size, location and installation shall be per the Irrigation Plan and details.
- 4.6.2 VALVE BOXES-New control valves shall be installed in 12" standard valve boxes with locking covers as shown on the irrigation plan and details.
- 4.6.3 All valve boxes shall be manufactured by Ametek, Carson or approved equal.
- 4.6.4 Valve boxes shall be installed on a minimum of one (1) cubic foot base of washed gravel for proper foundation of box and easy leveling of box to proper grade and also to provide proper drainage of the valve box.

4.7 AUTOMATIC CONTROL SYSTEM

- 4.7.1 Automatic controller shall be a Rain Bird TBOS battery operated controller with TBOS field transmitter, or approved equal.
- 4.7.2 Controller shall be located in the control valve boxes as shown in detail.

4.8 BACKFLOW DEVICE

- 4.8.1 The backflow preventor shall be a Febco 765 or approved equal (size as on drawing) pressure type backflow.
- 4.8.2 Size and location shall be per the Irrigation Plan and details or City approved equal.

4.9 QUICK COUPLER VALVES

- 4.9.1 Locate all quick coupler valves centered in each median.
- 4.9.2 Valves shall be located within a weather resistant plastic valve box with lockable lid.
- 4.9.3 Do not locate within paved surfaces.
- 4.9.4 Install plumb within 1/16 of an inch.
- 4.9.5 Locate within valve box 4" deep layer of coarse gravel beneath the bottom of valve.
- 4.9.6 Top of quick coupler valves shall be as close to the top of valve box as possible.

4.10 PROTECTIVE COVERS

- 4.10.1 The backflow device shall have a steel locking enclosure as manufactured by "Guard Shack" or City approved equal.

5. **SUBMITTALS**

- 5.1 After award of contract: **Prior to construction**, submit manufacturer's product data on each type of irrigation product.
- 5.2 Two copies of bound Product data shall be submitted with other Submittals required for the contract.

6. **INSTALLATION SCHEDULE AND IMPLEMENTATION**

- 6.1 The irrigation work shall be scheduled by the Irrigation Contractor in such a way that existing underground utilities are protected.
 - 6.1.1 The location of each run of pipe, mainline or laterals, and all irrigation heads and valves, shall be staked out by the Irrigation Contractor prior to trenching.
 - 6.1.2 All pipe, valves, fittings, etc., shall be carefully placed in the locations as shown on the plans and details.
 - 6.1.3 The interior of pipes shall be kept free from dirt and debris and when pipe laying is not in progress, open ends of pipes shall be closed by approved means.
 - 6.1.4 A tracer line shall be included with each run of pipe, mainline or laterals.

7. **INSPECTION**

- 7.1 When the Irrigation Contractor is prepared for one of the required inspections, he shall give the Lincoln Parks and Recreation Department adequate notice to visit the site and perform the inspection.
 - 7.1.1 This does not preclude informal inspections at any time during the work of this section.
- 7.2 The required inspections for which the Irrigation Contractor must notify the Lincoln Parks and Recreation Department as follows:
 - 7.2.1 **UTILITY AND IRRIGATION EQUIPMENT LOCATION STAKING**
 - 7.2.1.1 The Lincoln Parks and Recreation Department representative or assigns shall inspect the proposed locations of all Irrigation lines and heads for conformance to the Drawings and Specifications.
 - 7.2.1.2 The Lincoln Parks and Recreation Department reserves the right to move, shift or adjust any or all of the proposed locations to better achieve the design intentions as shown on the Drawings within reason.
 - 7.2.2 **COVERAGE TEST**
 - 7.2.2.1 After the sprinkler heads have been installed and backfilling operations are complete, the Irrigation Contractor, in the presence of the Lincoln Parks and Recreation Department representative, shall perform a coverage test to determine if the irrigation system reaches all parts of the areas intended to be watered.
 - 7.2.3 **STAKING AND LAYOUT**
 - 7.2.3.1 The Irrigation Contractor shall provide all materials necessary for the staking of the irrigation system.
 - 7.2.3.2 All irrigation heads are to be flagged for the Lincoln Parks and Recreation Department's observation.
 - 7.2.3.3 Contact the Department, in advance, and request inspection of the layout.
 - 7.2.3.4 The Lincoln Parks and Recreation Department will observe layout and indicate any changes as needed.
 - 7.2.4 **TRENCHING/HORIZONTAL BORING**
 - 7.2.4.1 PVC mainline and lateral line piping shall be installed in the subgrade soils.
 - 7.2.4.2 A twelve-inch (12") minimum depth over non-pressure lateral lines is required.
 - 7.2.4.3 PVC pressure mainline pipe shall be located as shown on the plans.
 - 7.2.4.4 Minimum cover over mainline pressure piping shall be 18" from the bottom of the pipe.
 - 7.2.4.5 The site shall be continuously cleaned up of excess and/or waste materials as the backfilling progresses and shall be left in a neat and workmanlike condition.

8. **PLASTIC PIPELINE FITTINGS**

8.1 **INSTALLATION**

- 8.1.1 All workmanship and materials shall be in conjunction with all applicable local codes and ordinances of legally constituted authorities; where the provisions of these Specifications exceed such requirements, these Specifications shall govern.
- 8.1.2 All plastic pipe shall be installed in a manner so as to provide for expansion and contraction as recommended by the Manufacturer.
- 8.1.3 Solvent-weld plastic pipe shall be cut with a pipe cutter or fine-tooth hacksaw with the assistance of a Square-in sawing device or in a manner so as to assure a square cut.
 - 8.1.3.1 Burrs and cut ends shall be removed prior to installation so that a smooth, unobstructed flow will be obtained.
 - 8.1.3.2 Only the solvent recommended by the pipe manufacturer shall be used. The solvent-weld joints shall be made in the following manner:
 - 8.1.3.3 Thoroughly clean the mating pipe and fitting with a clean dry cloth.
 - 8.1.3.4 Prime connections prior to solvent welding.
 - 8.1.3.4.1 Apply a uniform coat of solvent to the outside of the pipe with a non-synthetic bristle brush.
 - 8.1.3.4.2 Apply solvent to the fitting in a similar manner.
 - 8.1.3.4.3 Re-apply a light coat of solvent to the pipe and quickly in-set it into the fitting.
 - 8.1.3.4.4 Give the pipe or fitting a quarter (1/4) turn to insure even distribution of solvent and make sure the pipe is inserted to the full depth of the fitting socket.
 - 8.1.3.4.5 Hold in position for fifteen (15) seconds.
 - 8.1.3.4.6 Wipe off excess solvent that appears at the outer shoulder of the fitting.
 - 8.1.3.4.7 Care should be taken so as not to use an excessive amount of solvent, thereby causing a weakening or obstruction on the inside of the pipe.
 - 8.1.3.4.8 The joints in the PVC pipe shall be allowed to set at least twenty-four (24) hours before pressure is applied to the system.

8.2. **LINES UNDER PAVEMENT**

- 8.2.1 Provide sleeves (as required) using HDPE pipe sized as per the Drawings under all walks and paving.
- 8.2.2 Location and depths of sleeves shall be noted on the AS-Built Irrigation Plan.
- 8.2.3 All sleeving shall be twice the diameter of the irrigation pipe.

8.3 AUTOMATIC CONTROLLER

8.3.1 The Automatic Controllers shall be installed in valve boxes adjacent to the backflow device per the plan and details.

8.3.2 Install box Guard shack or equal enclosure per manufacturer's specifications.

8.4 CONTROL VALVES

8.4.1 Control valves shall be installed in 12" rectangular boxes per the details.

8.5 VALVE BOXES

8.5.1 Control valve boxes shall be installed on a minimum of one (1) cubic foot base of clean gravel for proper foundation of box and easy leveling of box to proper grade and also to provide drainage of the valve box.

8.6 IRRIGATION HEADS

8.6.1 Unless otherwise specifically designated on the Drawings, the installation of irrigation heads shall include the excavation and backfill, furnishing, installing and testing of risers, fittings and irrigation heads in accordance with the Drawings and Specifications.

8.6.2 Pop-up spray irrigation heads shall be installed with swing joint assemblies as per details.

8.6.3 Location of such spray heads shall be shown on plans.

8.7 FLUSHING AND TESTING

8.7.1 After all new irrigation piping is in place and connected for a given section, and all necessary division work has been completed, prior to the installation of the pop-up nozzles, all control valves shall be opened and a full head of water used to flush out the system.

8.8 ADJUSTMENTS

8.8.1 The Irrigation Contractor and his assigns shall be responsible for properly making adjustments during the maintenance period.

8.9 PROTECTION AND REPAIRS

8.9.1 It shall be the responsibility of the Irrigation Contractor to protect and preserve any existing structure, concrete walls, plant material, etc., from damage during irrigation construction.

8.9.2 If damage does occur, all damage shall be completely repaired or restored by the Irrigation Contractor at no additional cost to the project.

8.10 CLEAN UP

8.10.1 Perform clean up as a continuous operation throughout the duration of the work.

8.11 FINAL INSPECTION

8.11.1 When the Irrigation Contractor is satisfied that the system is operating properly, that it is balanced and adjusted, and that all work and clean up is completed, he shall notify the Lincoln Parks and Recreation Department that he is prepared for Final Inspection.

8.11.2 At the given time, the sprinkler system will be inspected by the City's representative for the following:

8.11.2.1 SPRINKLER HEADS

- 8.11.2.1.1 Heads adjusted to grade.
- 8.11.2.1.2 Heads properly aligned.
- 8.11.2.1.3 Nozzles properly adjusted.
- 8.11.2.1.4 Broken heads replaced.
- 8.11.2.1.5 Missing heads replaced (stolen or otherwise).
- 8.11.2.1.6 Broken risers replaced.
- 8.11.2.1.7 Gate valves and control valves operation properly and not leaking.
- 8.11.2.1.8 Controller operating properly and programmed.

8.11.3 Any inconsistencies to the Specification will be noted by the City's Representative and a written copy of corrections will be given to the Irrigation Contractor.

8.11.3.1 The Lincoln Parks and Recreation Department will not accept the system until the corrections from the final inspection have been made by the Irrigation Contractor.

9. **GUARANTEE**

9.1 The new irrigation system workmanship and materials shall be guaranteed for the period of one (1) year from the date of acceptance of work.

9.2 The irrigation contractor shall be responsible for proper winterization of the Irrigation System during the one (1) year guarantee period.

9.2.1 This shall include at least one winterization and one spring charge-up of the system.

9.3 Should any trouble develop within the time specified above due to faulty materials or material, the defect shall be corrected by the Irrigation Contractor without expense to the Owner.

9.3.1 The Irrigation Contractor is not responsible for repair of sprinkler system due to vandalism, fire, theft or acts beyond the Contractor's control.

10. **PAYMENT**

10.1 The item of "Irrigation System" shall be measured as a Lump Sum item, including boring, materials, labor and incidental operation as called for in these specifications, complete and in place and accepted by the Owner.

10.2 Basis of Payment

Payment for "Irrigation System" is on a Lump Sum basis in accordance with the general conditions of the City of Lincoln standards and specifications. The price shall be full compensation for furnishing and installing all materials, equipment and incidentals necessary to complete the work as specified herein. If sidewalk, street or curb removal and replacement is required, it will be determined to be incidental to "Irrigation System" and separate payment will not be made.

10.3 All traffic Control measures as outlined in the "Special Provisions for Traffic Control" must be followed.

10.3.1 A separate line item is provided on the Bid Schedule to allow for any costs associated with this.

SPECIAL PROVISIONS FOR

Traffic Control

Except as specifically modified by these Special Provisions, the Standard Specifications for Municipal Construction for the City of Lincoln shall apply to all work on this project.

TRAFFIC CONTROL PROVISIONS:

General

The Contractor shall maintain traffic during construction and provide, install, maintain and when work is complete, remove all traffic control devices in accordance with these project guidelines, the Project Special Provisions, and the City of Lincoln Traffic Control Guidelines for Street Construction, Maintenance and Utility Operations. Traffic control shall conform to the ordinances and regulations of the City of Lincoln and the Manual on Uniform Traffic Control Devices for Streets and Highways, U.S. Department of Transportation, latest edition and revisions thereto (MUTCD). Failure of the Contractor to erect and maintain traffic protective devices shall be reason to suspend the work.

Scope

This work shall consist of furnishing and maintaining in place all barricades, warning signs, lights, and other safety devices required to protect the work, divert traffic, warn of open excavations, unfilled trenches, and other areas or conditions which might be hazardous or dangerous during daylight or darkness.

The Contractor shall adhere to all time limits and other restrictions as specified. The Contractor shall utilize complete and proper traffic controls and traffic control devices during all operations. All traffic control and traffic control devices required for any operation shall be functional and in place prior to the commencement of that operation. Signs for temporary operations shall be removed during periods of inactivity. The Contractor is required to leave the project in a manner that will be safe to the traveling public and which will not impede motorists.

All traffic control devices shall be located according to and meet all requirements prescribed in the MUTCD. Failure of the Contractor to erect and maintain traffic protective devices shall be reason to temporarily suspend the work.

All traffic and/or traffic control devices on the project shall be provided, located, maintained and/or controlled as specified in the Manual on Uniform Traffic Control Devices (MUTCD) and the City of Lincoln Traffic Control Guidelines for Street Construction, Maintenance and Utility Operations. All traffic control devices shall meet all requirements prescribed in the MUTCD.

The Contractor shall comply with all applicable Federal, State, and local laws, ordinances, and regulations governing safety, health, and sanitation, and shall provide all safeguards, safety devices, and protective equipment, and shall take any other needed actions, on his own responsibility that are reasonably necessary to protect the life and health of employees on the job and the safety of the public, and to protect property in connection with the performance of the work covered by the contract.

Traffic Control Plan (TCP)

Traffic Control Plan

This plan may include traffic control devices in conformance with the City of Lincoln Traffic Control Guidelines for Street Construction, Maintenance and Utility Operations or the Manual on Uniform Traffic Control Devices (MUTCD), but it must meet or exceed the standards presented in the City of Lincoln Traffic Control Guidelines.

The Traffic Control Plan (TCP) shall include either:

- A. A detailed drawing(s), showing all traffic control devices.

- B. A reference to a standard drawing found in the City of Lincoln Traffic Control Guidelines for Street Construction, Maintenance and Utility Operations or the Manual on Uniform Traffic Control Devices (MUTCD), but it must meet or exceed the standards presented in the City of Lincoln Traffic Control Guidelines, provided the referenced standard drawing properly depicts the work area and completely addresses the needed traffic control.

The TCP will also consider, but will not necessarily be limited to, the following items:

1. Signing, Barricades, Drums, Cones, Dynamic Message Boards, and/or any other traffic control devices.
2. Worker protection/safety.
3. Minimizing delays and economic impacts to traffic.
4. Construction scheduling and hours of work.
5. Flagging.
6. Methods and devices for delineation and channelization.
7. Placement and design of barriers and barricades.
8. Storage of equipment and materials.
9. Removal of construction debris.
10. Length of time for lane closures.
11. Access for emergency vehicles.
12. Clear roadside recovery areas.
13. Movement of construction equipment.
14. Length of project under construction at any one time.
15. Methods of minimizing construction time consistent with safety.
16. Speed limits and enforcement.
17. Surveillance and inspection.
18. Modification of the above-noted items as well as any other related ones under conditions of darkness or inclement weather.
19. Congestion/Incident management techniques.

Preparation

A complete TCP shall be prepared by a Traffic Control Supervisor.

Submission

The Contractor shall submit a TCP in writing and/or drawing form for the review by the Engineer one (1) week prior to proposed work beginning. No phase of construction shall commence until the TCP has been reviewed. The approved TCP shall not be revised without prior review of the Engineer. TCP revisions shall be submitted a minimum of seventy-two (72) hours (three City business days) prior to implementation.

Format

TCPs shall include detailed signing, barricading, and traffic detouring information for each phase or stage of construction including as a minimum: type and number of devices, working hours, number and location of flaggers, and time restrictions, if any.

Availability

Copies of the reviewed TCPs shall be available on-site at all times; the Contractor shall provide copies to the Traffic Engineer, Project Manager, and Project Observer.

Beginning Work and Work Limits

The work shall not begin until the approvals have been given and the approved TCP is on the project site. Once the project has begun, the Traffic Control Supervisor must ensure that the plan is followed throughout the project.

The Contractor shall not exceed the work limits specified for each phase or stage of construction, unless approval to do so is granted by the Engineer. Any work beyond the limits of public right-of-way and/or easements shall be approved in writing by the property owner and reviewed by the Engineer and the City Traffic Engineering Division.

Should the Contractor fail to maintain the work within the specified limits, the Engineer or the City Traffic Engineering Division shall direct that all operations be suspended until the work is returned to the specified limits. Any cost incurred by the Contractor due to such suspension shall be at the Contractor's expense and no additional compensation or time extensions shall be made therefore.

Notification

The Contractor shall provide any changes or updated information to the Engineer on a daily basis.

TRAFFIC CONTROL SUPERVISOR

Traffic Control Supervisor

Before work begins on a project, the TCP shall designate in writing a qualified person to be responsible for the traffic control on the project. This person shall be one who has been trained in accordance with traffic control principles and shall be known as the Traffic Control Supervisor. The TCP shall designate a Traffic Control Supervisor who shall perform the Traffic Control Management and shall be responsible for maintaining all Traffic Control Devices in compliance with the TCP.

Working Hours and Emergency Contact

The Traffic Control Supervisor shall be available on a twenty-four (24) hour, seven (7) days a week (including weekends and holidays) emergency service to remove, install, relocate, and maintain warning devices. The permittee shall furnish to the City the name and telephone number of the Traffic Control Supervisor responsible for emergency service.

In the event the Traffic Control Supervisor does not respond within two (2) hours, or the City deems it necessary to call out other forces to accomplish emergency services, the contractor will be held responsible for the cost of such emergency services, without reimbursement.

Duties

The Traffic Control Supervisor duties shall include, but not be limited to:

1. Preparing, revising, and submitting the Traffic Control Plan as required.
2. Direct supervision of project flaggers.
3. Coordinating all Traffic Control operations, including those of permittee or permitted's contractor, subcontractors and/or suppliers.
4. Coordinating project activities with appropriate police and fire control agencies.
5. Maintaining a project Traffic Control diary which shall become a part of the project records.
6. Inspect all traffic control items prior to installation to insure that the materials meet the plan and specification requirements.
7. Inspect the installation of the items and make routine inspections, (at least twice each workday, each calendar day is preferable), of the traffic control devices to determine that they are being properly maintained and cleaned, if necessary. (By the Traffic Control Supervisor or his approved representative.)
8. Insuring that Traffic Control Devices are functioning as required including periodic nighttime inspections.
9. To assure that proper maintenance is being performed on the traffic control devices. During these inspections, it is important that the contractor has covered or removed all traffic control devices that are no longer needed or are no longer applicable. More frequent inspections may be required during or following periods of inclement weather; if vandalism, etc. should become a problem; or at other times when more frequent inspections are warranted.
10. Will be responsible for advising the permittee or permittee's contractor of all deficiencies.
11. Shall report to the Engineer or the designated representative, in writing, all known traffic accidents which occur on a project. The Traffic Control Supervisor shall, to the best of his/her ability, analyze the circumstances involved in the accident and advise the Engineer or the designated representative of recommended changes (if any) in the Traffic Control Plan. An effort will be made by the Engineer or the designated representative to obtain accident reports prepared by law enforcement officers having jurisdiction in the project area. This data will be utilized in evaluating the Traffic Control Plan.

12. Overseeing all requirements covered by the Traffic Control Plans which contribute to the convenience, safety and orderly movement of traffic.
13. Keeping Engineer informed of the apparent adequacy and effectiveness of the traffic control items on the project.

Inspection of Traffic Control

Routine inspections of traffic control elements must be made to ensure acceptable levels of operation. Inspections will be performed by trained personnel and should be accomplished at a frequency corresponding to the magnitude of the:

1. Utility activity
2. Traffic volumes, and
3. Other contributing factors.

When the contractor fails to follow the approved traffic control plan, the Engineer or the designated representative will suspend the work until the required traffic control is in place.

General Construction Requirements

The Contractor shall take all necessary precautions for the protection of the work and the safety of the public. The initial placement, replacement, and removal of the lane dividers and other traffic control devices shall be done with extreme care and consideration for the traveling public. The Contractor shall install, maintain, and remove all traffic control devices in accordance with the details of and at the locations shown in the plans. The Contractor shall be alert at all times to any and all deficiencies in the placement and maintenance of any traffic control devices and shall take immediate action to correct any deficiencies.

Existing Traffic Control Devices

Prior to commencing work in the vicinity of any existing Traffic Control Devices, the Contractor shall coordinate with the City Traffic Engineering Division in the removal of devices which need to be removed or relocated to accommodate the work. The Contractor shall store all devices in a safe and secure manner throughout the period of work and assume responsibility for temporary devices if necessary. Existing traffic control devices shall not be removed without the Engineer's approval. The Contractor shall remove conflicting permanent (not "temporary") pavement markings as shown in the plans or as required by the Engineer.

Upon completion of the work in the vicinity of the previously removed Traffic Control Devices, the Contractor shall reinstall the devices as directed by the City Traffic Engineering Division. Any Traffic Control Devices damaged during removal, relocation, storage, or reinstallation shall be repaired or replaced by the Contractor at their expense.

The removal relocations, storage, and reinstallation of existing devices shall not be paid for separately, but shall be considered as incidental to the project.

Spare Equipment and Parts

The Contractor shall maintain a stock of spare lights, signs, devices, and repair parts at the project site for immediate emergency replacement or repairs.

Visibility

The Contractor shall mow or trim vegetation to insure that the complete visibility of signs, barricades, and other warning devices is maintained at all times.

All lights shall be turned on from sunset to sunrise or when visibility is less than 1/4 mile. Lenses shall be kept clean, and light intensity shall be such that the device is visible for at least 1,000 feet in all conditions.

Flaggers

The City Traffic Engineering Division requires flaggers for traffic direction.

Traffic movements through temporary lane closures on roads with two way traffic shall be controlled by flaggers stationed at each end of the work zone. In situations where sight distance is limited, the Contractor shall provide additional means of controlling traffic, including, but not limited to, two-way radios, pilot vehicles, or additional flaggers. Flaggers shall be competent personnel, adequately trained in flagging procedures, and furnished with proper safety devices and equipment, including, but not limited to, safety vests and stop/slow paddles.

Flagging

It shall be the responsibility of the Contractor to furnish flagger(s) to direct traffic when construction activity occurs on or adjacent to a surface being used by the traveling public.

The flagger(s) shall be properly attired with vest and head gear. They shall be provided properly installed advance warning signs, and they shall be otherwise equipped in accordance with the requirements of the plans and specifications.

Flaggers shall position themselves appropriately and according to accepted flagging procedures.

Access to Adjacent Properties

The Contractor shall notify all affected residents and/or property owners a minimum of 48 hours prior to restricting normal access from public streets to adjacent properties. The Contractor shall inform each resident and/or property owner of the nature of the access restriction, the approximate duration of the restriction, and the best alternate access route for that particular property. Any closure of access to or from adjacent property shall be submitted to the Engineer and reviewed prior to implementation.

Re-Opening to Traffic

Before reopening any portion of the public streets to vehicular traffic, the Contractor shall restore the pavement, shall reset all signs, and shall restore all pavement markings. If necessary, a temporary asphalt concrete surface and temporary pavement markings shall be installed by the Contractor at his expense. Any signs damaged as a result of the Contractor's work shall be repaired or replaced to the requirements of the Engineer; said repair or replacement shall be at the Contractor's expense.

Payment

Lump Sum Bid Item

Payment for Traffic Control and Work Zone Safety items shall be made under the lump sum pay item for "Traffic Control for Construction." When Traffic Control is shown as a Lump Sum item in the bid schedule, it shall be the responsibility of the Contractor to determine the Traffic Control needs for the project, including all devices and personnel, and to develop the bid amount accordingly. This payment includes set-up, maintenance, removal, and any traffic control devices. Payment shall be made as a percentage of the Traffic Control Lump Sum amount equal to the percent-complete-to-date of the balance of the total contract amount less any previous payments for Traffic Control. In no case shall the total amount paid for Traffic Control exceed the Lump Sum shown in the bid schedule. Payment is full compensation for all work prescribed in this Section.

Non-Compliance

Failure to comply with any of the requirements for safety and traffic control of the contract shall result in suspension of work and/or Payment Reduction for Non-Compliance:

1. The Contractor may be given notice, either written or verbal, of failure to install, replace, remove, or maintain a traffic control device.
2. Upon notification by the Engineer, the Contractor shall respond to any site within 2 hours and take immediate steps to correct the deficiency.
3. If corrective action is not taken by the Contractor within 2 hours of the initial notice, the Engineer shall make no payment for any traffic control devices for that day.
4. If corrective action is not taken within 2 hours, a written notice of action to be taken shall

- be given to the Contractor or person designated for work zone traffic control.
5. Failure to install, replace, remove, or maintain a device within 4 hours of the initial notice may result in no payment being made for any traffic protective devices on the project for that day and on subsequent days until the requested installation, replacement, removal, or maintenance is performed. The Engineer may also suspend all other work until the problem is corrected.

The Engineer may elect at any time to correct a traffic control deficiency and bill the Contractor for all costs necessary to correct the problem.

The Contractor shall immediately notify the Engineer of any hazard or changed roadway condition that is not identified in the plans.

Any action on the part of the Contractor which results in non-compliance with the reviewed TCP and/or the requirements of this section may be cause for reduction in payment. Non-compliance shall include failure to have the TCP on the job site at all times when in effect and failure to be able to produce the TCP upon request by any employee of the Public Works and Utilities Department.

The payment shall be reduced by the following method:

Lump Sum Bid Item

The payment shall be reduced by an amount equal to the Traffic Control Lump sum amount divided by the total number of contract days as stated in the bid documents multiplied by the number of days when the Contractor is not in compliance with the reviewed TCP and/or the requirements of this section. In no case shall the amount of the reduction in payment per day be less than one (1) percent of the total contract amount for Traffic Control for Construction.

ADDITIONAL INFORMATION

For additional information concerning the specifications or services required for this bid, interested parties may contact the Parks Department at 441-8248. For information concerning bid procedures and regulations (i.e. deadline date to submit, bid, forms required, etc.) interested parties may contact Vince Mejer, City Purchasing Agent, at 441-7417.

CONTRACT DOCUMENTS

CITY OF LINCOLN

NEBRASKA

CITY OF LINCOLN, NEBRASKA

CONTRACT AGREEMENT

THIS CONTRACT, made and entered into this ____ day of _____ 2004, by and between _____ hereinafter called contractor, and the City of Lincoln, Nebraska, a municipal corporation, hereinafter called the City.

WITNESS, that:

WHEREAS, the City has caused to be prepared, in accordance with law, Specifications, Plans, and other Contract Documents for the Work herein described, and has approved and adopted said documents and has caused to be published an advertisement for and in connection with said Work, to-wit:

_____ and,

WHEREAS, the Contractor, in response to such advertisement, has submitted to the City, in the manner and at the time specified, a sealed Proposal in accordance with the terms of said advertisement; and,

WHEREAS, the City, in the manner prescribed by law has publicly opened, read aloud, examined, and canvassed the Proposals submitted in response to such advertisement, and as a result of such canvass has determined and declared the Contractor to be the lowest responsible bidder for the said Work for the sum or sums named in the Contractor's Proposal, a copy thereof being attached to and made a part of this Contract;

EQUAL EMPLOYMENT OPPORTUNITY: In connection with the carrying out of this project, the contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, ancestry, disability, age or marital status. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, national origin, ancestry, disability, age or marital status. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other compensation; and selection for training, including apprenticeship.

NOW, THEREFORE, in consideration of the sums to be paid to the Contractor and the agreements herein contained, the Contractor and the City have agreed and hereby agree as follows:

The Contractor agrees to (a) furnish all tools, equipment, supplies, superintendence, transportation, and other construction accessories, services, and facilities; (b) furnish all materials, supplies, and equipment specified to be incorporated into and form a permanent part of the complete work; (c) provide and perform all necessary labor in a substantial and workmanlike manner and in accordance with the provisions of the Contract Documents; and (d) execute construct, and compete all Work included in and covered by the City's award of this Contract to the Contractor, such award being based on the acceptance by the City of the Contractor's Proposal, or part thereof, as follows:

The City agrees to pay to the Contractor for the performance of the Work embraced in this Contract, the Contractor agrees to accept as full compensation therefor, the following sums and prices for all Work covered by and included in the Contract award and designated above, payment thereof to be made in the manner provided by the City:

\$

CONTRACT AGREEMENT

The Work included in this Contract shall begin as soon as possible from date of executed contract. The completion shall be _____.

GUARANTEE:

A performance bond in the full amount of the contract shall be required for all construction contracts. This bond shall remain in effect during the guarantee period as stated in the specifications.. Once the project is completed, the contractor may submit a maintenance bond in place of the performance bond.

The Contract Documents comprise the Contract, and consist of the following:

1. The Instructions to Bidders
2. The Accepted Proposal
3. The Contract Agreements
4. The Specifications
- *5. The City of Lincoln Standard Specifications for Municipal Construction
 - a. General Conditions
 - b. General Specifications
 - c. Construction & Materials Specifications
- ** 6. The Plans (including the Schedule of Approximate Quantities)
7. The Construction Bonds
8. The Special Provisions

* If project includes paving, water, sewer, sidewalk, lighting or traffic signal work, the City of Lincoln Standard Specifications for Municipal Construction will apply, which are on file in the office of the City Clerk. Copies may be obtained at the Office of the City Engineer.

** The following is an enumeration of the Plans, which are entitled:

CONTRACT AGREEMENT

These Contract Agreements, together with the other Contract Documents herein above mentioned, form this Contract, and the are as fully a part of the Contract as if hereto attached or herein repeated.

The Contractor and the City hereby agree that all the terms and conditions of this Contract shall by these presents be binding upon themselves, and their heirs, administrators, executors, legal and personal representatives, successors, and assigns.

IN WITNESS WHEREOF, the Contractor and the City do hereby execute this contract.

EXECUTION BY THE CITY OF LINCOLN, NEBRASKA

ATTEST:

CITY OF LINCOLN, NEBRASKA

City Clerk

Mayor

Approved by Executive or No. _____
dated _____

EXECUTION BY CONTRACTOR

IF A CORPORATION:

Name of Corporation

(Address)

ATTEST:

Secretary (SEAL)

By: _____
Duly Authorized Official

Legal Title of Official

IF OTHER TYPE OF ORGANIZATION:

Name of Organization

Type of Organization

(Address)

By: _____
Member

By: _____
Member

IF AN INDIVIDUAL:

Name

Address

Signature

A. GENERAL INFORMATION

There are two types of construction bonds that are required by statutes for public work in many jurisdictions and are widely used for other projects as well.

Construction Performance Bond

Construction Payment Bond

The Construction Performance Bond is an instrument that is used to assure the availability of funds to complete the construction.

The Construction Payment Bond is an instrument that is used to assure the availability of sufficient funds to pay for labor, materials and equipment used in the construction. For public work the Construction Payment Bond provides rights of recovery for workers and suppliers similar to their rights under the mechanics lien laws applying to private work.

The objective underlying the re-writing of construction bond forms was to make them more understandable to provide guidance to users. The intention was to define the rights and responsibilities of the parties, without changing the traditional rights and responsibilities that have been decided by the courts. The new bond forms provide helpful guidance regarding time periods for various notices and actions and clarify the extent of available remedies.

The concept of pre-default meeting has been incorporated into the Construction Performance Bond. All of the participants favored early and informal resolution of the problems that may precipitate a default, but some Surety companies were reluctant to participate in pre-default settings absent specific authorization in the bond form.

The responsibilities of the Owner and the options available to the Surety when a default occurs are set forth in the Construction Performance Bond. Procedures for making a claim under the Construction Payment Bond are set forth in the form.

EJCDC recommends the use of two separate bonds rather than a combined form. Normally the amount of each bond is 100 percent of the contract amount. The bonds have different purposes and are separate and distinct obligations of the Surety. The Surety Association reports that the usual practice is to charge a single premium for both bonds and there is no reduction in premium for using a combined form or for issuing one bond without the other.

B. COMPLETING THE FORMS

Bonds have important legal consequences; consultation with an attorney and a bond specialist is encouraged with respect to federal, state and local laws applicable to bonds and with respect to completing or modifying the bond forms.

Both bond forms have a similar format and the information to be filled in is ordinarily the same on both bonds. If modification is necessary, the modifications may be different.

The bond forms are prepared for execution by the Contractor and the Surety. Evidence of authority to bind the Surety is usually provided in the form of a power of attorney designating the agent who is authorized to sign on behalf of the Surety. The power of attorney should be filed with the signed bonds.

Each bond must be executed separately since they cover separate and distinct obligations.

Preferably the bond date should be the same date as the contract, but in no case should the bond date precede the date of the contract.

CONSTRUCTION PERFORMANCE BOND

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

SURETY (Name and Principal
Place of Business):

Owner (Name and Address):

City of Lincoln

555 South 10th St.

Lincoln, NE 68508

CONSTRUCTION CONTRACT

Date:

Amount: \$

Description (Name and Location):

BOND

Date (Not earlier than Construction Contract Date)

Amount: \$

Modifications to this Bond Form:

CONTRACTOR AS PRINCIPAL

Company: (Corp. Seal)

SURETY

Company: (Corp. Seal)

Signature: _____

Name and Title:

Signature: _____

Name and Title:

CONTRACTOR AS PRINCIPAL

Company: (Corp. Seal)

SURETY

Company: (Corp. Seal)

Signature: _____

Name and Title:

Signature: _____

Name and Title:

EJCDC NO. 1910-28a (1984 Edition)

Prepared through the joint efforts of The Surety Assoc. of America. Engineers' Joint Contract Documents Committee. The Associated General Contractors of America, and the American Institute of Architects.

1. The Contractor and the Surety, jointly and severally, bind themselves their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.
2. If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except to participate in conferences as provided in Subparagraph 3.1.
3. If there is no Owner Default, the Surety's obligation under this Bond shall arise after:
 - 3.1 The Owner has notified the Contractor and the Surety at its address described in Paragraph 10 below, that the Owner is considering declaring a Contractor Default and has requested and attempted to arrange a conference with the Contractor and the Surety to be held not later than fifteen days after receipt of such notice to discuss methods of performing the Construction Contract. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default and
 - 3.2 The Owner has declared a Contractor Default and formally terminated the Contractor's right to complete the contract. Such Contractor Default shall not be declared earlier than twenty days after the Contractor and the Surety have received notice as provided in Subparagraph 3.1; and
 - 3.3 The Owner has agreed to pay the Balance of the Contract Price to the Surety in accordance with the terms of the Construction Contract or to a contractor selected to perform the Construction Contract in accordance with the terms of the contract with the Owner.
4. When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:
 - 4.1 Arrange for the Contractor, with consent of the Owner, to perform and complete the Construction Contract, or
 - 4.2 Undertake to perform and complete the Construction Contract itself, through its agents or through independent contractors; or
 - 4.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and the contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 6 in excess of the Balance of the Contract Price incurred by the Owner resulting from the Contractor's default, or
 - 4.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:
 1. After investigation, determine the amount for which it may be liable to the Owner and as soon as practicable after the amount is determined tender payment therefor to the Owner; or
 2. Deny liability in whole or in part and notify the Owner citing reasons therefor.
5. If the Surety does not proceed as provided in Paragraph 4 with reasonable promptness, the Surety shall be deemed to be in default on this Bond fifteen days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Subparagraph 4.4 and the Owner refuses payment tendered or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.
6. After the Owner has terminated the Contractor's right to complete the Construction Contract, and if the Surety elects to act under Subparagraph 4.1, 4.2, or 4.3 above, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. To the limit of the amount of this Bond, but subject to commitment by the Owner of the Balance of the Contract Price to mitigation of costs and damages on the Construction Contract, the Surety is obligated without duplication for:
 - 6.1 The responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
 - 6.2 Additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 4; and
 - 6.3 Liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.
7. The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, or successors.
8. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related sub-contracts, purchase orders and other obligations.
9. Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.
10. Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the signature page.
11. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.
12. Definitions.
 - 12.1 Balance of the Contract Price: The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.
 - 12.2 Construction Contract: The agreement between the Owner and the Contractor identified on the signature page, including all Contract Documents and changes thereto.
 - 12.3 Contractor Default: Failure of the Contractor, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Construction Contract.
 - 12.4 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Construction Contract or to perform and complete or comply with the other terms thereof.

CONSTRUCTION PAYMENT BOND

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

SURETY (Name and Principal Place
Of Business):

Owner (Name and Address):

City of Lincoln
555 South 10th St.
Lincoln, NE 68508

CONSTRUCTION CONTRACT

Date:

Amount: \$

Description (Name and Location):

BOND

Date (Not earlier than Construction Contract Date):

Amount: \$

Modifications to this Bond Form:

CONTRACTOR AS PRINCIPAL

Company: (Corp. Seal)

SURETY

Company: (Corp. Seal)

Signature: _____

Name and Title:

Signature: _____

Name and Title:

CONTRACTOR AS PRINCIPAL

Company: (Corp. Seal)

SURETY

Company: (Corp. Seal)

Signature: _____

Name and Title:

Signature: _____

Name and Title:

EJCDC NO. 1910-28B (1984 Edition)

Prepared through the joint efforts of The Surety Assoc. of America. Engineers' Joint Contract Documents Committee. The Associated General Contractors of America, and the American Institute of Architects.

1. The Contractor and the Surety, jointly and severally, bind themselves their heirs, executors, administrators, successors and assigns to the Owner to pay for labor, materials and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference.
 2. With respect to the Owner, this obligation shall be null and void if the Contractor:
 - 2.1 Promptly makes payment, directly or indirectly, for all sums due Claimants, and
 - 2.2 Defends, indemnifies and holds harmless the Owner from all claims, demands, liens or suits by any person or entity who furnished labor, materials or equipment for use in the performance of the Construction Contract, provided the Owner has promptly notified the Contractor and the Surety (at the address described in Paragraph 12) of any claims, demands, liens or suits and tendered defense of such claims, demands, liens or suits to the Contractor and the Surety, and provided there is no Owner Default.
 3. With respect to Claimants, this obligation shall be null and void if the Contractor promptly makes payment, directly or indirectly, for all sums due.
 4. The Surety shall have no obligation to Claimants under this Bond until:
 - 4.1 Claimants who do not have a direct contract with the Contractor have given notice to the Surety (at the address described in Paragraph 12) and sent a copy, or notice thereof to the Owner, stating that a claim is being made under this Bond and with substantial accuracy the amount of the claim.
 - 4.2 Claimants who do not have a direct contract with the Contractor:
 1. Have furnished written notice to the Contractor and sent a copy, or notice thereof, to the Owner, within 90 days after having last performed labor or last furnished materials or equipment included in the claim stating, with substantial accuracy, the amount of the claim and the name of the party to whom the materials were furnished or supplied or for whom the labor was done or performed, and
 2. Have either received a rejection in whole or in part from the Contractor, or not received within 30 days of furnishing the above notice any communication from the Contractor by which the Contractor has indicated the claim will be paid directly or indirectly; and
 3. Not having been paid within the above 30 days, have sent a written notice to the Surety (at the address described in Paragraph 12) and sent a copy, or notice thereof, to the Owner, stating that a claim is being made under this Bond and enclosing a copy of the previous written notice furnished to the Contractor.
 5. If a notice required by Paragraph 4 is given by the Owner to the Contractor or to the Surety, that is sufficient compliance.
 6. When the Claimant has satisfied the conditions of Paragraph 4, the Surety shall promptly and at the Surety's expense take the following actions:
 - 6.1 Send an answer to the Claimant, with a copy to the Owner, within 45 days after receipt of the claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed.
 - 6.2 Pay or arrange for payment of any undisputed amounts.
 7. The Surety's total obligation shall not exceed the amount of this Bond, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.
 8. Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any Construction Performance Bond.
- By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and the Surety under this Bond, subject to the Owner's priority to the funds for the completion of the work.
9. The Surety shall not be liable to the Owner, Claimants or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligations to make payments to, give notices on behalf of, or otherwise have obligations to Claimants under this Bond.
 10. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.
 11. No suite or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the location in which the work or part of the work is located or after the expiration of one year from the date (1) on which the Claimant gave the notice required by Subparagraph 4.1 or Clause 4.1 (iii), or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.
 12. Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the signature page. Actual receipt of notice by Surety, the Owner or the Contractor, however accomplished, shall be sufficient compliance as of the date received at the address shown on the signature page.
 13. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted here from and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is, that this Bond shall be construed as a statutory bond and not as a common law bond.
 14. Upon request by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor shall promptly furnish a copy of this Bond or shall permit a copy to be made.
 15. DEFINITIONS
 - 15.1 Claimant: An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials or equipment for use in the performance of the Contract. The intent of this Bond shall be to include without limitation in the terms "labor, materials, or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.
 - 15.2 Construction Contract: The agreement between the Owner and the Contractor identified on the signature page, including all Contract Documents and changes thereto.
 - 15.3 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Construction Contract or to perform and complete or comply with the other terms thereof.



Nebraska Resale or Exempt Sale Certificate

FORM

13

for Sales Tax Exemption
• Read instructions on reverse side/see note below

NAME AND MAILING ADDRESS OF PURCHASER			NAME AND MAILING ADDRESS OF SELLER		
Name			Name		
Street or Other Mailing Address			Street or Other Mailing Address		
City	State	Zip Code	City	State	Zip Code
Check Type of Certificate <input type="checkbox"/> Single Purchase <input type="checkbox"/> Blanket			If blanket is checked, this certificate is valid for three (3) years from date of issuance.		

I hereby certify that the purchase, lease, or rental by the above purchaser is exempt from the Nebraska sales tax for the following reason:

Check One ☐ Purchase for Resale (Complete Section A) ☐ Contractor (Complete Section C)
☐ Exempt Purchase (Complete Section B)

SECTION A — Nebraska Resale Certificate

Description of Item(s) Purchased

Our purchase of _____
is a purchase for resale, rental or lease in the normal course of our business, either in the form or condition in which purchased, or as an ingredient or component part of other property to be resold.

I further certify that we are engaged in business as a: ☐ Wholesaler ☐ Retailer ☐ Manufacturer ☐ Lessor
of _____
Description of Product Sold, Leased, or Rented

and hold Nebraska Sales Tax Permit Number 01- _____
If none, state reason

or Foreign State Sales Tax Number

SECTION B — Nebraska Exempt Sale Certificate

The basis for this exemption is exemption category _____ (Insert appropriate category as described on reverse of this form.)

If exemption category 2 is claimed, enter the following information:

Description of Item(s) Purchased	Intended Use of Item(s) Purchased
----------------------------------	-----------------------------------

If exemption category 6 is claimed, seller must enter the following information and sign this form below:

Description of Item(s) Sold	Date of Seller's Original Purchase	Was Tax Paid when Purchased by Seller? <input type="checkbox"/> YES <input type="checkbox"/> NO	Was Item Depreciable? <input type="checkbox"/> YES <input type="checkbox"/> NO
-----------------------------	------------------------------------	--	---

If exemption categories 3 through 5 are claimed, enter the Nebraska Exemption Certificate number. 05 - _____

SECTION C — Contractors

☐ I certify that we are engaged in business as a contractor operating under OPTION 1, and that we will collect and remit sales tax on the materials portion of our customer's invoice. Our Nebraska Sales Tax Permit Number is: 01- _____

OR

☐ I certify that we are engaged in business as a contractor operating under OPTION 3, and that we will remit consumer's use tax on the materials withdrawn from our inventory that will be annexed into real estate. Our Nebraska Sales or Consumer's Use Tax Identification number is: _____

Any purchaser, or the agent thereof, or other person who completes this certificate for any purchase which is other than for resale, lease, or rental in the regular course of the purchaser's business, or is not otherwise exempted from the sales and use tax under Sections 77-2701 through 77-27,135 of the Nebraska Revenue Act, as amended, shall in addition to any tax, interest, or penalty otherwise imposed, be subject to a penalty of \$100.00 or ten times the tax, whichever amount is larger, for each instance of presentation and misuse. With regard to a blanket certificate, said penalty shall apply to each purchase made during the period the blanket certificate is in effect. Under penalties of law, I declare that I am authorized to sign this certificate, and to the best of my knowledge and belief, it is correct and complete.

sign
here ▶

Authorized Signature

Title

Date

NOTE: Sellers must keep this certificate as part of their records. Do not send to the Nebraska Department of Revenue.
Incomplete certificates cannot be accepted in good faith.

INSTRUCTIONS

WHO MAY FILE A RESALE CERTIFICATE. A Nebraska Resale Certificate, Form 13, Section A is to be filed by persons or organizations making purchases of property in the normal course of their business for the purpose of resale either in the form or condition in which it was purchased, or as an ingredient or component part of other property.

Use Form 13AG for purchases of agricultural machinery and equipment. Use Form 13E for purchases of energy sources which qualify for exemption.

WHO MAY FILE AN EXEMPT SALE CERTIFICATE. Form 13, Section B must be filed by persons or organizations exempt from payment of the Nebraska sales tax by qualifying for one of the six enumerated Categories of Exemption. Organizations claiming a sales tax exemption may do so only on items purchased for their own use. Items purchased by an exempt organization that will be resold must be supported by a properly completed Nebraska Resale Certificate, Form 13, Section A.

WHERE TO FILE. The Form 13 is given to the seller at the time of the purchase of the property or when sales tax is due. The certificate must be retained with the seller's records for audit purposes.

For exemption category 6, the seller must sign and give the certificate to the purchaser. The certificate must be retained by the purchaser for audit purposes.

CONTRACTORS. A Form 13 must be filed by contractors operating under Option 1 or 3. Contractors operating under Option 1 or 3 must indicate their sales or consumer's use tax identification number in the space provided in Section C. Contractors operating under Option 1, 2, or 3 should refer to information guides titled "Nebraska Taxation of Contractors Option 1," "Nebraska Taxation of Contractors Option 2," or "Nebraska Taxation of Contractors Option 3."

WHEN NO NUMBER IS REQUIRED. Section A does not require an identification number when the purchaser has indicated that they are engaged in business as a wholesaler or manufacturer. Section B does not require an identification number when exemption category 1 or 2 is marked.

GOOD FAITH – PROPERLY COMPLETED CERTIFICATE. A purchaser must properly complete a certificate before it can be accepted in good faith by a retailer (seller). An incomplete or improperly completed certificate shall constitute evidence of a lack of good faith. To properly complete the certificate, purchasers must include: (1) identification of both the purchaser and seller, (2) a statement as to whether the certificate is for a single purchase or is a blanket certificate for future sales, (3) a statement of basis for exemption including completion of all information for the basis chosen, (4) the signature of an authorized person, and (5) the date the certificate was issued.

PENALTIES. Any purchaser who gives a Form 13 to a seller for any purchase which is other than for resale, lease, or rental in the regular course of the purchaser's business, or is not otherwise exempted from sales and use tax under the Nebraska Revenue Act shall be subject to a penalty of \$100 or ten times the tax, whichever amount is larger, for each instance of presentation and misuse. With regard to a blanket certificate, the penalty shall apply to each purchase made during the period the blanket certificate is in effect.

Any purchaser, or the agent thereof, who fraudulently signs a Form 13 with the intention to avoid payment of the tax may, in addition to the aforementioned penalty, be found guilty of a Class IV misdemeanor.

CATEGORIES OF EXEMPTION. Indicate the category which properly reflects the basis for your exemption. Place the corresponding number in the space provided in Section B on the face of this form. If category 2 through 6 is the basis for exemption, you must complete the information requested in Section B. If category 6 is the basis for exemption, the seller must sign this form.

CATEGORIES OF EXEMPTION

1. Purchase by the United States Government, its agencies, and wholly owned subsidiary corporations; the state of Nebraska, and any county, township, city, or village within the borders of Nebraska, except purchases for use in the business of furnishing gas, water, electricity, or heat; a state owned and operated college or university; an irrigation or reclamation district or the irrigation division of a public power and irrigation district; a natural resource district; a fire protection district; the State Board of Agriculture; the Nebraska Investment Finance Authority; the Research and Development Authority; the Small Business Development Authority, and licensees of the State Racing Commission.

Governmental units of other states, sanitary improvement districts, housing authorities, urban renewal authorities, rural water districts, railroad transportation safety districts, airport authorities or municipal airport corporations, and county historical or agricultural societies are **not** exempt from Nebraska sales tax, and may not issue a Nebraska Exempt Sale Certificate, Form 13, Section B, for any purchases which they make.

2. Purchase when the intended use renders it exempt as set out in paragraph 012.02D of Nebraska Sales and Use Tax Regulation 1-012, Exemptions. Complete the description of the item purchased and the intended use as required on the front of Form 13.

Refer to Revenue Rulings 1-99-4 and 1-99-5 for information regarding the exemption for mobility enhancing equipment for use in a private residence or on a motor vehicle.

3. Purchase by an organization created exclusively for religious purposes; a nonprofit organization providing services exclusively to the blind; a public or private primary or secondary educational institution licensed under Nebraska statutes; a private college or university licensed under Nebraska statutes; a hospital, skilled nursing facility, or intermediate care facility which is licensed under sections 71-2017 to 71-2029 of the Nebraska statutes and organized not for profit; a nonprofit organization providing services primarily for home health care purposes; health clinic, when owned or controlled by two or more hospitals and operated for the purpose of reducing the cost of health services, or which receives funds under either the Urban or Rural Health Initiative Program of the United States Public Health Service; a child caring agency licensed for 24-hour daily care, supervision, custody, or control of children and established under sections 71-1901 to 71-1904; or a licensed child placement agency.
4. Purchase of a common or contract carrier vehicle and/or repair and replacement parts for such vehicle.
5. Purchase of materials to be incorporated into a construction project pursuant to an attached purchasing agent appointment. No exemption number is required for projects with governmental units identified in Regulation 1-093.
6. A sale that qualifies as an occasional sale, such as a sale of depreciable machinery and equipment productively used by the seller for more than one year and the seller previously paid tax on the item.

Purchasing Agent Appointment and Delegation of Authority for Sales and Use Tax

**FORM
17**

PURCHASING AGENT APPOINTMENT

Name and Address of Prime Contractor			Name and Address of Governmental Unit or Exempt Organization		
Name			Name		
Street or Other Mailing Address			Street or Other Mailing Address		
City	State	Zip Code	City	State	Zip Code
Name and Location of Project			Appointment Information		
Name			Effective Date		
Street or Other Mailing Address			Expiration Date		
City	State	Zip Code	Nebraska Exemption Number (Exempt Organizations Only)		
Identify Project					

The undersigned governmental unit or exempt organization appoints the above-named contractor and the contractor's delegated subcontractors as its agent to purchase and pay for materials that will be annexed to real estate by them into the tax exempt construction project stated above.

**sign
here**

Authorized Signature of Governmental Unit or Exempt Organization

Title

Date

DELEGATION OF PRIME CONTRACTOR'S AUTHORITY

Name and Address of Subcontractor			Delegation Information		
Name			Effective Date		
Street or Other Mailing Address			Expiration Date		
City	State	Zip Code	Portion of Project		

The undersigned prime contractor hereby delegates authority to act as the purchasing agent of the named governmental unit or exempt organization to the above-named subcontractor.

**sign
here**

Signature of Prime Contractor or Authorized Representative

Title

Date

INSTRUCTIONS

WHO MUST FILE. Any governmental unit or organization exempt from sales and use tax may appoint as its agent a prime contractor to purchase materials that will be annexed to property that belongs to or will belong to the governmental entity or exempt organization pursuant to a construction contract with the governmental unit or exempt organization. The appointment of the prime contractor as its agent is completed by issuing a Purchasing Agent Appointment and Delegation of Authority for Sales and Use Tax, Form 17, to the prime contractor **BEFORE** his or her portion of the construction project begins. The exempt organization or governmental unit must identify the project (e.g., east wing, chapel construction, or new school auditorium).

The exemption from the payment of the Nebraska and local option sales and use taxes only applies if the governmental entity or exempt organization directly or through its contractor pays for the materials. Governmental entities or exempt

organizations cannot transfer their exempt status to a contractor or developer who is required to purchase and pay for the materials that are used in the construction of the improvements.

WHEN TO FILE. A prime contractor engaging in a construction project with a governmental unit or exempt organization must receive a properly completed and signed Form 17 **BEFORE** his or her portion of the construction project begins. If Form 17 is not issued, the contractor must pay the sales and use taxes and the governmental unit or exempt organization may obtain a refund of the taxes paid by the contractor.

WHERE TO FILE. The canary copy will be retained by the governmental unit or exempt organization, and the white copy will be retained by the prime contractor. Copies of this form must be reproduced by the prime contractor for delegation purposes.

DELEGATION OF PRIME CONTRACTOR'S AUTHORITY. The prime contractor may delegate his or her authority to act as the purchasing agent of the governmental unit or exempt organization to a subcontractor. The prime contractor must complete his or her copy of Form 17 for each subcontractor who is delegated authority to act as a purchasing agent. Reproductions of this delegation must be provided to the subcontractor, who must retain a copy for his or her records, and to the governmental unit or exempt organization.

EXEMPT SALE CERTIFICATE. A contractor who has been appointed purchasing agent by a governmental unit or exempt organization, and hires a subcontractor operating under option 1, must provide to that subcontractor a completed copy of Form 17 and a completed Nebraska Resale or Exempt Sale Certificate, Form 13, Section B. The subcontractor will retain these forms in his or her records, and will not charge the contractor sales tax on any portion of the invoice involving the annexation of materials to real estate pursuant to exempt construction project. If these forms are not provided to the subcontractor operating under option 1, the subcontractor must collect and remit sales tax on the materials portion of the invoice.

Contractors operating under option 2 who maintain a tax-paid inventory with no sales tax charged on customer invoices and have been issued a Form 17 from a governmental unit or an exempt organization must furnish each vendor a copy of Form 17 and a completed Form 13 when purchasing materials that will be annexed to real estate. Forms 13 and 17 must be retained with the vendor's records for audit purposes. A contractor or subcontractor may reproduce copies of these documents which will be furnished to the vendors for each invoice or order made by them.

All purchases of materials that will be annexed into real estate must be billed to the governmental unit or exempt organization in care of the prime contractor as purchasing agent, or his or her authorized subcontractor, who will pay vendors for such purchases excluding sales and use tax.

PENALTY. Any person who signs this document with the intent to evade payment of tax is liable for the sales and use tax, interest, and penalty; and may be found guilty of a misdemeanor.

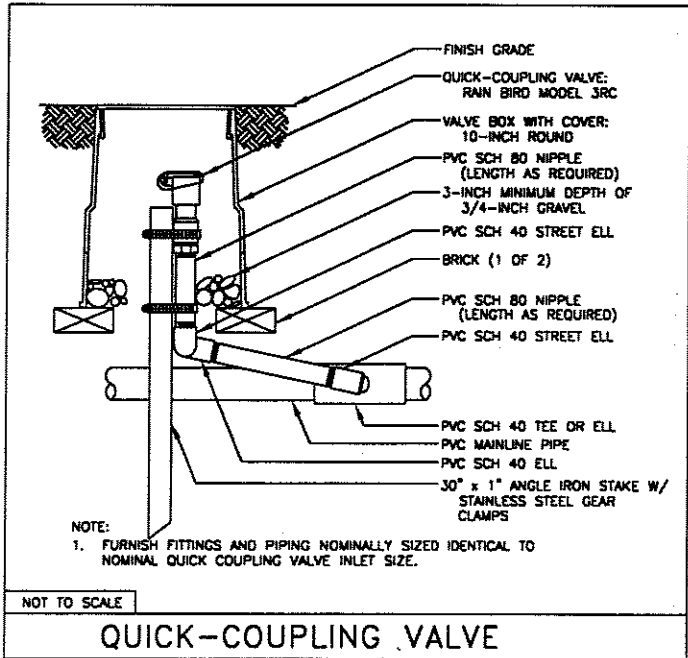
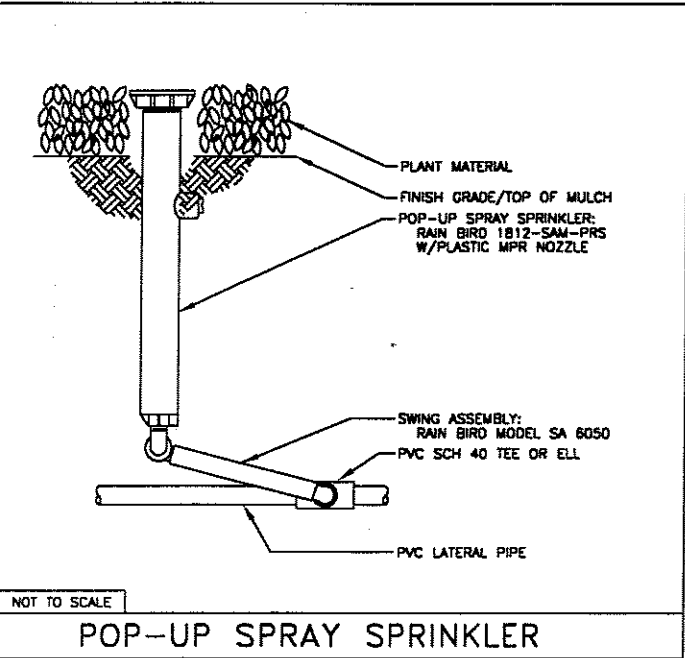
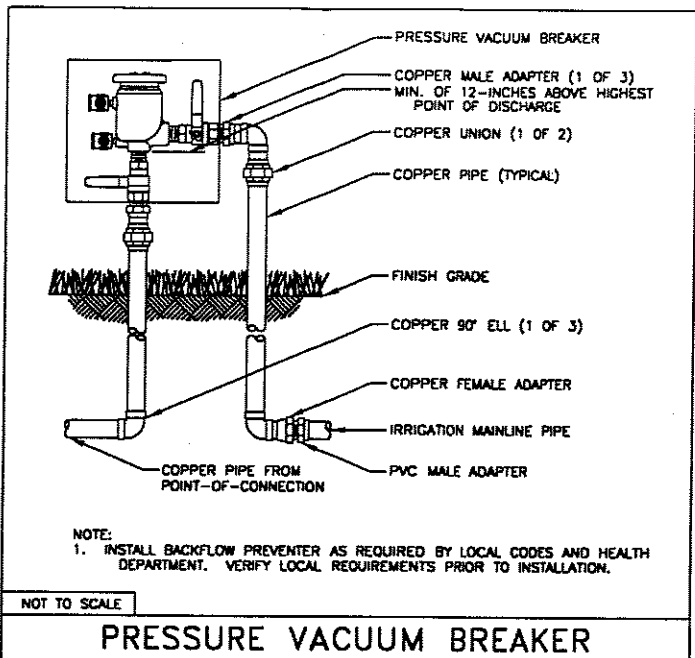
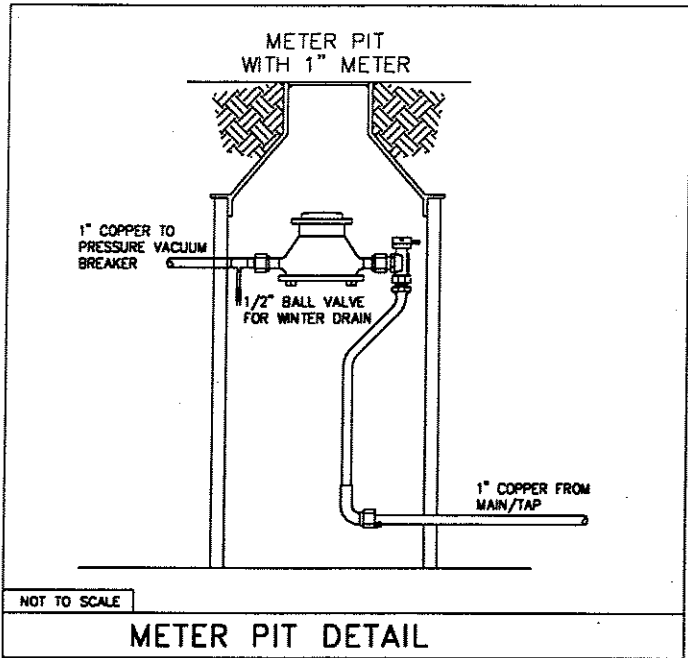
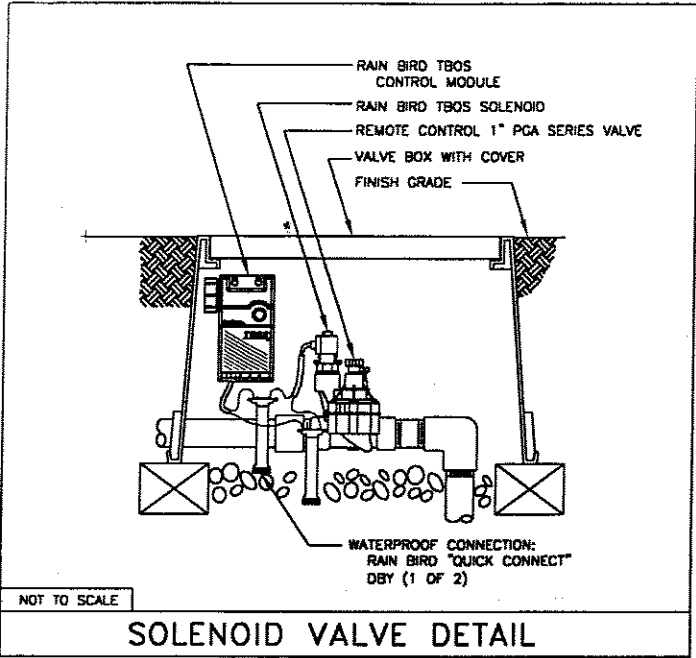
APPOINTMENT INFORMATION. Enter the dates the purchasing agent appointment will become effective and when it will expire. This appointment will not allow any purchases without payment of the tax by the prime contractor or subcontractor before the appointment date or after the expiration date. Exempt organizations must enter their Nebraska Sales and Use Tax Exemption number.

CREDIT/REFUND OF SALES AND USE TAX. A contractor or subcontractor who has been appointed as a purchasing agent before any materials are annexed, may withdraw sales or use tax-paid materials from inventory that will be annexed to real estate or used to repair property annexed to real estate and receive a credit for the sales or use tax amount previously paid on those materials.

The contractor or subcontractor may take a credit either against his or her current consumer's use tax liability, or file a Claim for Overpayment of Sales and Use Tax, Form 7, and receive a refund of the sales or use tax paid on those materials.

DELEGATION INFORMATION. Enter the dates the delegation of the subcontractor will become effective, when it will expire, and the portion of the project delegated. This delegation will not allow any purchases without payment of the tax by the subcontractor before the delegation date or after the expiration date. Reproductions of the delegation must be provided to the subcontractor who must retain a copy for his or her records, and to the governmental unit or exempt organization.

AUTHORIZED SIGNATURE. The Purchasing Agent Appointment must be signed by an officer of the exempt organization or proper government official. The Delegation of Prime Contractor's Authority must be signed by the owner, partner, corporate officer, or other individual authorized to sign by a power of attorney on file with the Nebraska Department of Revenue.



- NOTES:
1. ALL MAIN LINE PIPING SHALL BE 1" CL200 PVC PIPE
 2. ALL LATERAL PIPING SHALL BE 1" CL200 UNLESS SHOWN OTHERWISE ON PLANS
 3. ALL SLEEVING SHALL BE 3" HOPE MATERIAL
 4. SYSTEM SHALL BE BLOWN OUT WITH AIR TO WINTERIZE

Spray Head Schedule			
Head	GPM	QTY	Total
15CST	1.20	77	92.40
15EST	0.60	32	19.20
10H	0.72	13	9.36
10Q	0.36	2	0.72
		124	121.68

NORTH 27TH STREET SPRINKLERS
"P" STREET TO POTTER

LINCOLN PARKS AND RECREATION DEPARTMENT



NORTH

SCALE: 1" = 60'-0"

"P" St.

"Q" St.

N. 27th Street

3" HDPE Sleeving

Tap City Main

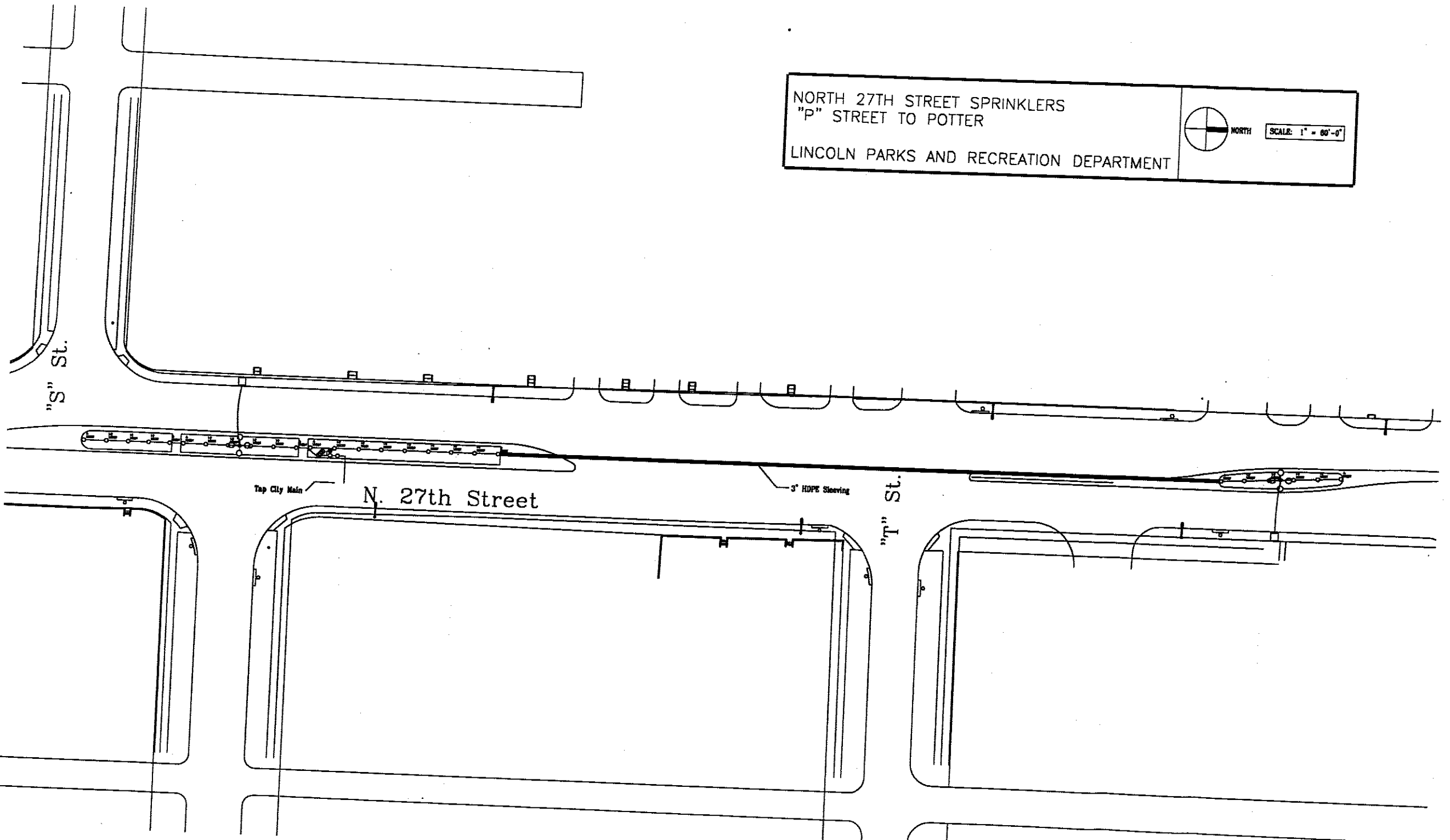
NORTH 27TH STREET SPRINKLERS
"P" STREET TO POTTER

LINCOLN PARKS AND RECREATION DEPARTMENT




NORTH

SCALE: 1" = 80'-0"



NORTH 27TH STREET SPRINKLERS
"P" STREET TO POTTER

LINCOLN PARKS AND RECREATION DEPARTMENT

 NORTH

SCALE: 1" = 60'-0"

"W" St.

N. 27th Street

5" HDPE Sewing

Tap City Main

Pear St.

NORTH 27TH STREET SPRINKLERS
"P" STREET TO POTTER

LINCOLN PARKS AND RECREATION DEPARTMENT



SCALE: 1" = 60'-0"

Orchard
St.

Dudley
St.

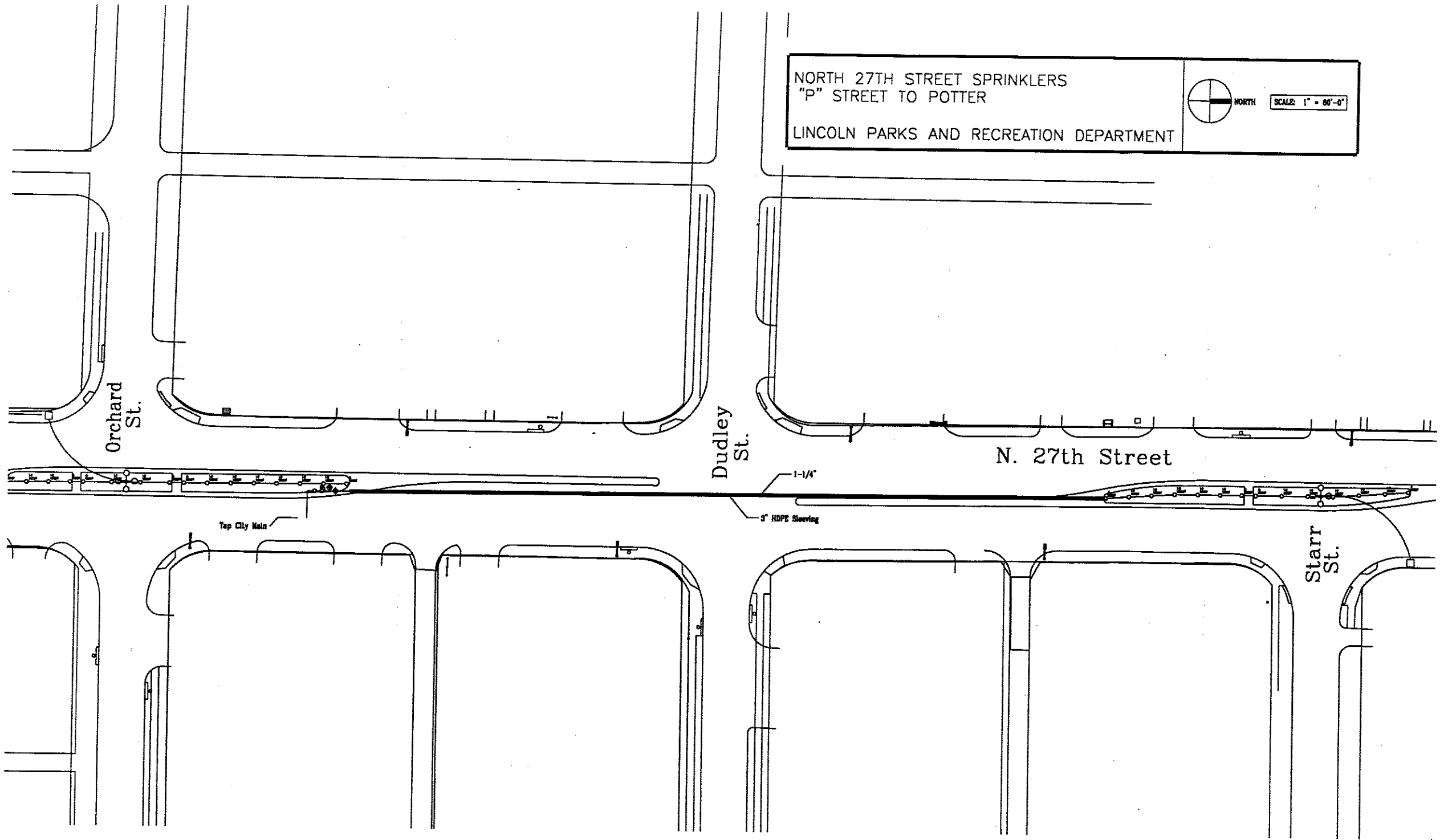
N. 27th Street

Starr
St.

Tap City Main

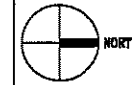
1-1/4"

3" HDPE Sleeving



NORTH 27TH STREET SPRINKLERS
"P" STREET TO POTTER

LINCOLN PARKS AND RECREATION DEPARTMENT



SCALE: 1" = 80'-0"

